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FWS/OBS-79/06
March 1980

MISSISSIPPI DELTAIC PLAIN REGION ECOLOGICAL CHARACTERIZATION: A SOCIOECONOMIC STUDY

VOLUME 2: MAP NARRATIVES

by

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DISCLAIMER

The opinions, findings, conclusions, or recommendations expressed in this report/product are those of the authors and do not necessarily reflect the views of the Office of Biological Services, Fish and Wildlife Service, U.S. Department of the Interior, nor does mention of trade names or commercial products constitute endorsement or recommendation for use by the Federal Government.

PREFACE

The purpose of the ecological characterization was to compile existing information about the biological, physical, and social sciences for the Mississippi Deltaic Plain Region of Louisiana and Mississippi. Decisionmakers, among others, may use this report for coastal planning and management. This is one of a series of characterizations of coastal ecosystems that will be produced by the U.S. Fish and Wildlife Service. Additional studies include the Chenier Plain of Louisiana and Texas, the sea islands of Georgia and South Carolina, the rocky coast of Maine, the coast of northern and central California, the Pacific Northwest (Oregon and Washington), and the Texas barrier islands.

This project was conducted under Contract FWS 14-16-0009-78-095. Funding was provided by the Bureau of Land Management and the U.S. Fish and Wildlife Service. Results of this study are to be used in planning for Outer Continental Shelf oil and gas development.

Any suggestions or questions regarding this publication should be directed to:

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The Louisiana Department of Transportation and Development has cooperated with the U.S. Fish and Wildlife Service in the publication of the products of this study.

This project was conducted under Contract FWS 14-16-0009-78-095. Funding was provided by the Bureau of Land Management and U.S. Fish and Wildlife Service. Results of this study are to be used in planning for Outer Continental Shelf oil and gas development.

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INTRODUCTION

Within the complex Mississippi Deltaic Plain Region (MDPR), there has been rapid economic growth and development during the past half-century. Much of this growth has been associated with hydrocarbon development both onshore and, more recently, offshore. As the MDPR has developed there has been increasing concern over the potential for serious environmental impact. In 1953, the Outer Continental Shelf Lands Act (67 Stat. 462) was passed, establishing Federal jurisdiction over the submerged lands of the continental shelf seaward of state boundaries. The Act charged the Secretary of the Interior with the responsibilities for administering Outer Continental Shelf (OCS) mineral exploration and development. The Secretary was empowered to formulate regulations so that the provisions of the Act might be met. In conjunction with this authority, the Department adopted three overall minerals-management goals: (1) receipt of fair market value for the minerals leased; (2) orderly development of resources; and (3) protection of the environment. Subsequent to the passage of the OCS Lands Act of 1953, the Secretary of the Interior designated the Bureau of Land Management (BLM) as the administrative agency for leasing submerged Federal lands, and the United States Geological Survey for supervising production. The Bureau of Land Management was also designated by the Secretary as lead agency for environmental studies pertaining to development of OCS oil and gas resources.

The Submerged Lands Act (67 Stat. 29) set the inner limit of authority of the Federal Government by giving coastal states jurisdiction over mineral rights in the seabed and subsoil of submerged lands adjacent to their coastline out to a distance of three nautical miles. There are two exceptions, Texas and the Gulf Coast of Florida, where jurisdiction extends to three leagues based on terms for admission to statehood.

The National Environmental Policy Act (NEPA) of 1969 requires that all Federal agencies utilize a systematic, interdisciplinary approach which will insure the integrated use of the natural and social sciences in any planning and decisionmaking that may have an impact on the human environment. Subsequent modifications of NEPA, which became effective July 1, 1979, call for a greater emphasis on scoping or issue identification in the environmental planning process, to avoid the excessive informational burden that had characterized previous impact assessment efforts.

The United States Fish and Wildlife Service (FWS) has developed an ecological characterization approach for describing coastal zone areas of the United States and its territories. "Characterizations provide descriptions of the socioeconomic features, biological resources, and physical processes that comprise a particular coastal ecosystem. Descriptions, where possible, are both quantitative and qualitative in nature. This information is integrated into a functional framework to provide an understanding of the interrelationships of the ecosystem" (Johnston 1978: 692). In a Memorandum of Understanding (MOU), the BLM and the FWS agreed that in the course of the Ecological Characterization Study for the MDPR, socioeconomic programs should receive special attention because of extensive oil and gas activities and their impact on the area (BLM/FWS MOU 14-16-0009-78-944).

THE MISSISSIPPI DELTAIC PLAIN REGION SOCIOECONOMIC CHARACTERIZATION

For the purposes of this study the MDPR has been defined to include only fourteen of the southern Louisiana parishes and the three southernmost coastal Mississippi Counties. Most of this study area is characterized by a mixture of land and water distinguished by the absence of notable relief and is a result of the Mississippi River deposition. For centuries, sediment-laden water has fanned out along the coast creating the deltaic environments.

East of Vermillion Bay, sediment accumulation has resulted from the sequential development of a delta system. Known as the Deltaic Plain, the area is the site of a series of seven deltaic lobes extending seaward at different times during the last 5,000 years. Except for the modern "bird-foot" delta, each lobe advanced into the shallow waters of the continental shelf and was distinguished by numerous distributaries (Kolb and Van Lopik 1958). These channels continued to bifurcate, thus aiding the distribution of the river sediments and progradation of the coast. Through time, the recurring channel changes created the intricate "horse's tail" pattern, levee fingers extending into the wetlands. Fluvial-marine materials deposited in the prodelta, interdistributary, and intradelta environments built up an estimated 75% of the Deltaic Plain (Kolb and Van Lopik 1958). Most of this land is an abandoned subdelta composed of alluvial ridges, beaches, marsh and water surfaces, where accretion has been replaced by subsidence and erosion. Natural levees formed in these areas have served since prehistoric times as favorable settlement sites. The narrowness of the strips of arable land associated with these features has contributed to the extensive acreage classified as strip and clustered settlement that has affected the socioeconomic development of the region.

The Deltaic Plain's morphology is characterized by a highly indented and irregular estuarine shoreline. These inlets serve as a nursery ground for many species of aquatic and terrestrial animals (Perret *et al*. 1971). Their tremendous productivity provides marsh inhabitants with a source of game and fish.

The Deltaic Plain has been the site of continuous human occupation for the last 12,000 to 14,000 years. Prehistoric inhabitants settled the dry land adjacent to many of the region's waterbodies. McIntire (1958) located and mapped over 500 of these relic encampments, distinguished by shell mounds, called middens. Materials from these former garbage dumps indicate the early use of the area's renewable resources, particularly the edible clam (*Rangia cuneata*). From prehistoric sites, to modern communities of French speaking "Cajuns", adjacent alluvial wetlands have supported a range of cultures and settlements. Numerous ethnic groups colonized the area, locating their homes and villages on protected and well-drained land, or in some cases, on stilts in remote bays, estuaries, or bayous.

French-Canadian farmers, trappers, and fishermen, whom the British forced from Nova Scotia in the mid-1700's, settled within the lower Mississippi's alluvial valley. They considered the semi-aqueous real estate an

attractive location for their new settlements. The communities were accessible by means of winding streams called bayous (from the Choctaw bayuk or creek) and not too far from their fishing, hunting, trapping, and agricultural areas. Besides the French, a group of Yugoslavian oyster fishermen settled along the bayous, bays and lakes southeast of New Orleans. Adjacent to the Mississippi River, they built the villages of Olga, Empire, Ostrica, and Oysterville. In time, they were joined by other Balkan immigrants from Serbia, Montenegro, Greece, and Albania. Germans, Spanish, Irish, Italian, and Filipinos also settled within the coastal zone. They became shrimpers, laborers, oystermen, trappers, and vegetable farmers.

Township survey records (plats) indicate that, by the early 1830's, settlements were established at isolated points within the marsh; those at Grand Isle, Grand Terre, Plumb Island, Bell Isle, and along lower Bayou Terrebonne are examples. Thirty years later, the region's more accessible natural levees were colonized. By 1900, communities were scattered throughout the wetlands, in an area that was approximately 95 kilometers (58.5) miles square. In each settlement, land division was assigned systematically, with every family owning property fronting on a navigable waterway, creating long, slender strips extending inland the width of the natural levees. Eventually, these land holdings coalesced into extensive strip and clustered communities that are now prominent in the maps of land use/land cover.

This dense network of ridge settlements represented a large, isolated, permanent population. Within the first three decades of the twentieth century, people began to abandon their marsh communities and seek out the amenities of larger, more service-oriented hamlets. At the same time, roads were extended seaward, but in no instance reached a site that was subsequently abandoned. Roads, following natural levees, served as nuclei for settlement.

STUDY ORGANIZATION

The Mississippi Deltaic Plain Region, extending from Vermillion Bay, Louisiana to the Mississippi-Alabama state line, is one of nine ongoing or proposed ecological characterization study areas. This study was begun in July 1978 and a full ecological characterization is scheduled for completion in 1981. The overall study purpose is to collect, organize and analyze available information from various disciplines (geology, biology, hydrology, socioeconomics, etc.) that will describe each part of the system in terms of its relation to other parts and to the Mississippi Deltaic Plain regional ecosystem as a whole.

The FWS and BLM have agreed that in the course of the Ecological Characterization Study, socioeconomic characteristics will receive special attention because of extensive oil and gas activities and their impact on the area. The MDPR socioeconomic study presented here develops and synthesizes a broad information base that represents the study area in terms of oil and gas, social-demographic, land use, transportation, commercial fishing and trapping, recreation and tourism, and agricultural production activities.

Five general tasks have been completed in conducting the MDPR socio-economic characterization. The first step involved meeting with personnel from the Louisiana, Mississippi, and Federal agencies to identify specific needs for study focus and products. These meetings were held in New Orleans in October 1978.

The second step, data collection, continued throughout the duration of the study. A continuous process was instituted because new reports were being issued during the study time period. As the study progressed special data gaps and needs were identified, requiring additional data collection efforts. The entire program of study and technical approach were designed to deliver a series of products having maximum value in establishing resource management policy for the MDPR. Computerized bibliographic searches were conducted through local libraries and in Washington, D.C. to identify pertinent documents regarding socioeconomic variables in the MDPR. Data were gathered for a base year period in the mid-1950's and for the present or as near the present as possible. Time series data were developed when possible to establish trends that could be used in projecting future MDPR conditions.

The third step involved mapping socioeconomic variables across the entire study area. The result is a map atlas depicting the study area at a scale of 1:125,000. Thirteen separate base maps were required to cover the region. A companion volume includes narratives for the five topic overlays contained in the atlas: oil and gas, pipelines, transportation, pollution sources, and conservation/preservation/recreation.

Step four involved synthesizing the data collected into seven status papers on socioeconomic conditions of the MDPR. Papers include overviews on oil and gas activities, social demographic characteristics, land use, transportation, commercial fishing and trapping, recreation and tourism, and agricultural production. These papers were written by a team of researches, including Dr. Donald Davis and Dr. Randall Detro of Nicholls State University in Thibodeaux, Louisiana, study team members in Phoenix, Arizona, and FWS personnel.

The fifth step in the study involved producing the final products. The three products that have resulted are: seven synthesis papers (Volume 1); map narratives (Volume 2); and a detailed map atlas (Volume 3). In addition, a comphrensive data appendix and an extensive resource bibliography for the MDPR study area were developed, and are accessible through the Information Transfer Specialist, National Coastal Ecosystems Team, United States Fish and Wildlife Service, Department of the Interior, 1010 Gause Boulevard, Slidell, Louisiana 70458.

MAP NARRATIVES

Mapping of socioeconomic information in the MDPR was accomplished by using existing sources and conducting an extensive ground-truthing effort. Because the ground-truthing effort had to be accomplished before the final overlays were prepared, there was not an opportunity to verify the presence and location of all items identified on the maps. During the course of

completing the maps for this study, it became apparent that many reputable sources disagree about the existence and location of many mappable elements. This disagreement occurred on virtually all variables from the small boat launch sites on the Conservation/Preservation/Recreation overlays, to the large oil fields on the Oil and Gas overlays. The study team was required to make the best possible determination regarding the most reliable source and the basis for making these decisions is presented in the map notes on each overlay. Working definitions were developed from various sources to provide the framework for map notes on each overlay. Working definitions were developed from various sources to provide the framework for map construction and interpretation.

This volume of map narratives should be viewed as a companion document to the Map Atlas. Details regarding specific mapped elements are presented here for each set of overlays. In some cases, the details are presented in a textual manner, e.g., the transportation narrative, and in others the details are presented primarily in tabular form, e.g., the oil and gas narratives. References used to construct the maps are located at the end of this volume. Users may obtain access to the original sources in many cases by utilizing the detailed Data Appendix constructed as part of this study.

The following is a brief discussion of the five topics presented on individual overlays of the Map Atlas.

Oil and Gas

One of the richer treasures of North America is presented by the bountiful oil and gas reserves of the Mississippi Delta. These reserves could only be recovered from stable inland ground until the technology was developed that made it economically feasible for well-drilling to move seaward. Many of the oil and gas industries are located in close proximity to the larger seaports of the region. Additional oil and gas facilities are found adjacent to waterway access. Development of the hydrocarbon industry has had a significant economic impact on the MDPR.

Pipelines

The MDPR contains one of the more complex pipeline networks in the United States. The network is utilized to move mineral fluids to gas processing plants, refineries, tank storage sites and ultimately to transport areas where the fuels are shipped nationwide. Because of the need for firm ground as support, pipelines generally follow natural or man-made levees along water corridors.

Conservation - Preservation - Recreation

Millions of residents and tourists are attracted to the wide variety of conservation and recreation resources provided by the MDPR. Preservation of the cultural heritage is accomplished in the numerous recognized historical and archaeologic sites. Recreational activities often accompany areas of conservation. Several State and Federal wildlife refuge and management areas have been established throughout the coastal zone. In

addition, numerous Natural and Scenic Rivers, National Register Sites, and State Parks provide temporary retreats from urban life.

Point Source Discharges

Careless disposal of any pollutants can be a danger to health and property, and can be fatal to the vast fish and wildlife resources of the MDPR. Sources of pollution include pesticides, herbicides, oil spills or leaks, and municipal and industrial discharges. Pollution is most abundant in the areas of greatest economic activity. The busiest commercial centers of the MDPR are located along the Mississippi River and the larger waterways. At present the Mississippi River and Lake Ponchartrain do not meet State water quality standards. There is no single "ideal" environment for the fish and wildlife of the region, but human intrusion must be monitored and modified to align with biological needs.

Transportation

Waterborne carriers remain the prevalent method of commercial transportation in the MDPR. The diversification of industry, however, has led to the specialization of transportation requirements. Certain products are more appropriately shipped by one mode of transportation than another. This increasing specialization will allow increasing levels of efficiency in the transporting of goods and services by water, land, or air. The quality and quantity of transportation has increased as a result of the abundant regional economic activity. The varying modes then provide a catalyst for expansion of that economy.

MAPPABLE ELEMENTS: OIL AND GAS OVERLAY

LNG Plant (Liquified Natural Gas)

(No LNG Plants were identified in the study area).

Other Gas Processing Plants

Natural gas processing plants other than liquified natural gas.

Petroleum Industry (Petroleum based products other than oil and gas)

Industries using petroleum to produce other products.

Oil Refinery

Plants refining crude oil to various other forms (gasoline, machine oils, etc.).

Oil Storage Facility

Major oil storage facility (tank farms).

Pipe Storage Yard

Major pipeline component storage facility.

Platform Fabrication Site

Sites where drilling platforms are constructed.

Shipyard

All sizes of shipbuilding yards manufacturing vessels for commercial and recreational use.

Service Base (Oil logistic support industry)

Sites providing procurement, maintenance, and transportation for the oil and gas industry.

MAPPABLE ELEMENTS: PIPELINES OVERLAY

Crude Oil

Pipelines that transport crude oil.

Natural Gas

Pipelines that transport natural gas.

Liquified Petroleum Gas

Pipelines that carry liquified petroleum gas.

Offshore Origination Point

An offshore point where a pipeline originates, e.g., platform.

Uncertain Origination

An uncertain offshore origination point.

Complete Information Unavailable

Complete information was unavailable.

MAPPABLE ELEMENTS: CONSERVATION, PRESERVATION, RECREATION OVERLAY

Indian Mound

Archaeological sites as identified by the Louisiana Coastal Resources Atlas (Burk and Associates 1972), the Louisiana State Historic Preservation Office's Division of Archaeology and Historic Preservation, and the State of Mississippi Department of Archives and History, Archaeological Site Survey. For any necessary interpretations, Willdan defined an Indian mound as a site feature formed by the accumulation of soils and cobbles, often associated with other objects, such as tools.

Probable Indian Mound

Archaeological sites not verified by excavation, as identified by the Louisiana Coastal Resources Atlas (Burk and Associates 1972), the Louisiana State Historic Preservation Office's Division of Archaeology and Historic Preservation, and the State of Mississippi, Department of Archives and History, Archaeological Site Survey.

Shell Midden

Archaeological site identified by the Louisiana Coastal Resources Atlas (Burk and Associates 1972), the Louisiana State Historic Preservations Office's Division of Archaeology and Historic Preservation, and the State of Mississippi, Department of Archives and History, Archaeological Site Survey. For any necessary interpretations, the authors defined a shell midden as a refuse heap left by a prehistoric settlement, whose size and density can be estimated from the size and depth of the remains.

Probable Shell Midden

Archaeological sites not verified by excavation, as identified by the Louisiana Coastal Resources Atlas (Burk and Associates 1972), the Louisiana State Historic Preservations Office's Division of Archaeolgy and Historic Preservation, and the State of Mississippi, Department of Archives and History, Archaeological Site Survey.

Probable Archaeological Site

Archaeological sites, except for shell middens and Indian Mounds, not verified by excavation, as identified by the Louisiana Coastal Resources Atals (Burk and Associates 1972), the Louisiana State Historic Preservation Office's Division of Archaeology and Historic Preservation, and the State of Mississippi, Department of Archives and History, Archaeological Site Survey.

Other Archaeological Site

Any verified archaeological site, except shell midden and Indian Mounds, as identified by the Louisiana Coast Resources Atlas (Burk and Associates 1972), the Louisiana State Historic Preservation Office's Division of Archaeology and Historic Preservation, and the State of Mississippi, Department of Archives and History, Archaeological Site Survey.

National Register Site

Sites listed in the Department of Interior's National Register of Historic Places, 1979.

National Seashore

Areas designated as National Seashores and administered by the National Park Service.

National Wilderness Area

National Wilderness Areas administered by federal land management agencies by authority of the Wilderness Act of 1964.

National Forest

Areas designated as National Forests by the United States Forest Service, United States Department of Agriculture.

State Commemorative Area

Commemorative Areas designated by the Louisiana Department of Culture, Recreation and Tourism, Office of State Parks.

Charter Boat Site

Locations where boats are rented for recreational activities.

Public Boat Launch Site

Boat ramps provided by a public entity such as a county or church, and used by the public at large.

Private Boat Launch Site

Boat launches owned by private individuals or entities, which may or may not be available for public use.

Commercial Marina

Privately owned and operated marinas, run for a profit, which may be used by the public for a fee.

Public Marina

Marinas provided by a public body such as a county or church, and used by the public at large for their recreational benefit.

Private Marina

Marinas, such as a yacht club, available for use by members only.

National Historic Park

A site with historical significance, designated by a direct act of Congress, established by the Historical Sites Act of 1935, and administered by the National Park Service.

Natural and Scenic River (Louisiana)

Rivers identified as Natural and Scenic by the Louisiana Natural and Scenic River Systems Act.

National Wildlife Refuge and State Wildlife Management Area or Refuge

Wildlife management areas as identified by the Louisiana Wild Life and Fisheries Commission, or the Mississippi Game and Fish Commission, and the U.S. Fish and Wildlife Service.

Least Tern Area

Areas designated in "The Factors Affecting the Use of an Artificial Beach: A Case Study on Mississippi's Gulf Coast," Water Resources Institute, Mississippi State University, Mississippi, Appendix E, Section 1.

Sandhill Crane National Wildlife Refuge

Sandhill Crane areas identified by the United States Fish and Wildlife Service, Department of the Interior.

State Park and Beach Area

Areas designated as State Parks or Beaches under jurisidiction of the Mississippi Park Commission, or the Louisiana Department of Culture, Recreation and Tourism Office of State Parks.

MAPPABLE ELEMENTS: POINT SOURCE DISCHARGES OVERLAY

Louisiana Municipal Discharge (Greater than 50,000 gallons per day)

Louisiana municipal sites permitted discharges greater than 50,000 gallons per day.

Louisiana Principal Industrial Discharge

Sites where permitted industrial discharges occur.

Louisiana Water Quality Limited Stream Segments

Portions of streams or rivers which do not meet state water quality standards.

Louisiana Stream Segment Boundaries

Areas of stream segments that exhibit similar hydrologic characteristics.

Louisiana Basin Boundaries

Line boundaries that define a watershed or basin drained by a river and its tributaries.

Mississippi Municipal Discharge

Sites where permitted municipal discharges occur.

Mississippi Industrial Discharge

Sites where permitted industrial discharges occur.

MAPPABLE ELEMENTS: TRANSPORTATION OVERLAY

Federal Highway

Highways identified within the Federal Interstate System.

State Route (maintained in the State system)

Roadways contained in the Federal Aid Program and maintained only by the States of Louisiana and Mississippi.

Railway

Steel wheel and steel track railroads.

Airport Paved - Airport Unpaved

Paved and unpaved designations refer to the condition of runways, identified by the Aircraft Owners and Pilots Association's Airports U.S.A., and the National Oceanic and Atmospheric Administration's aeronautical charts for Louisiana and Mississippi.

Seaplane Base

Seaplane bases identified as active based in the Aircraft Owners and Pilots Association Directory.

Single Heliports/Multiple Heliports (capable of accommodating two or more helicopters at one time).

Heliports designated as single or multiple by the Aircraft Owners and Pilots Association Directory. Multiple heliports are capable of accommodating more than one heliport on the ground at any one time.

Hospital Heliport - Single-Multiple

Heliports designated as single or multiple by the Aircraft Owners and Pilots Association Directory. Multiple are capable of accommodating more than one helicopter on the ground at any one time. Hospital Heliports are located at hospital facilities.

Navigable Water Body

A large water area known to be navigable for commercial or recreational purposes.

Navigation Channel - Man-made

Man-made channels or those maintained by the United States Army Corps of Engineers and other jurisdictions, generally maintained for some sort of commercial activity.

Navigation Channel - Natural Waterway

Natural, navigable waterways identified on the Louisiana Department of Transportation and Development Map, updated annually.

Fairway (waterway clear of hazards for ocean-going vessels)

Open sea or bay waterways clear of hazards for ocean-going vessels, as identified in the United States Coast Pilot 5 (United States Department of Commerce 1979).

Anchorage Area

Ocean areas utilized for commercial ship anchorage prior to acceptance at port facilities, as identified in the United States Coast Pilot 5 (United States Department of Commerce 1979).

Major Deep Water Port

Ports identified as "Major Deep Water" by the United States Coast Pilot 5 (United States Department of Commerce 1979). Deep water refers to a deep channel maintained at a depth suitable for ocean going vessels.

Major Port

Ports identified as "Major" in the United States Coast Pilot 5 (United States Department of Commerce 1979).

Secondary Ports

Ports identified by various sources that do not correspond with the Coast Guard's list of deep water or major ports.

INTRODUCTION

The Mississippi Delta is one of the richer treasure chests of oil and gas in North America. Oil and gas collection began with wells drilled on stable inland ground, and moved slowly seaward as economical methods were developed to deal with the marshes, swamps, and open Gulf waters. Today, oil production and proven resources in the Mississippi River Delta and Gulf shores off Louisiana and Mississippi comprise 51 percent of the Nation's total production and reserves, excluding Alaska (American Petroleum Institute 1979).

Along with the increase in oil and gas production came the increase in logistic industries involved in the procurement, distribution, maintenance, and replacement of materials and personnel. Several major factors affect the distribution of all types of onshore oil and gas facilities including available hydrocarbons, proximity to navigable water resources, location of other related industries, and availability of dry, firm ground. Although some facilities are sparsely distributed, the majority of oil and gas industries and pipelines are clustered near major cities or lie adjacent to waterways. A large concentration of pipelines originate in the numerous mineral production areas found both onshore and offshore. A large percentage of the numerous platforms found in the MDPR study area, are located in the offshore production fields.

The Mississippi River is a major corridor in the MDPR study area, harboring a myriad of direct oil-related industries and service bases. The Harvey Canal, located on Map 7 near the Mississippi River, also contains a heavy concentration of oil and gas industries, including a large percentage of the area's shipyards. Generally, all concentrations of industries in the marsh environment parallel natural and man-made waterways.

Many clusters of oil and gas industries are located in close proximity to major cities. Some cities of intense development are Houma, Venice/Tidewater, New Iberia, Biloxi, Morgan City and the Pascagoula/Moss Point area.

The development of hydrocarbon resources in the MDPR has had significant economic impacts. It has provided numerous high-paying jobs, leading to the desire for more services and recreational activities. This activity has put a strain on one of this region's more valuable resources: firm, high ground.

Table 1. Gas processing plants.

Map no.	Site no.	Location	Name (owner)	Source
1	No sites indicated or found.			
2	No sites indicated or found.			
3	No sites indicated or found.			
4	No sites indicated or found.			
5	GP-1	Iberia - Avery Island	(Exxon)	USGS-NH15-9
5	GP-2	Iberia - New Iberia	Alligator Bayou Plant (Texaco)	USGS-NH15-9
5	GP-3	Iberia - Weeks Island	(Shell)	USGS-NH15-9
6	GP-1	Iberia - N. or E. Bayou Postillian Gas Field	Koch Bayou Postillian Plant	USGS-NH15-9
6	GP-2	St. Mary's - Baldwin	S. Louisiana Production Co.	USGS-NH15-9
6	GP-3	St. Mary's - Franklin	Sun Gas Plant	USGS-NH15-9
6	GP-4	St. James - LaPice Oil Field	LaPice Plant (Shell)	USGS-NH15-9
6	GP-5	St. James - N. of St. James College Point Gas Field	St. Amelia Plant (Cities Service)	USGS-NH15-9
6	GP-6	St. James - T12S,R17E (Tr. 14)	Vacherie (Liquid Products Recovery)	Intrastate Gas Map, Louisiana Department of Conservation 1974
6	GP-7	St. James - T12S, R16E	St. Amelia (Citgo)	Intrastate Gas Map, Louisiana Department of Conservation 1974
6	GP-8	St. James - T12S,R17E (S44)	Kenmore Plant (Mid-Louisiana Gas)	Field Notes
6	GP-9	Lafourche - T11S,R8E (S17)	(Liquid Products - No. 1 Plant)	BLM OCS Visual #7
6	GP-10	St. James - T12S,R17E (S12)	Collee Point (Exxon)	BLM OCS Visual #7

(continued)

Table 1.

Map no.	Site no.	Location	Name (owner)	Source
6	GP-11	St. John - Garyville Reserve Plant	Betts Inc.	Field Notes
6	GP-12	Lafourche - T15S,R18E	Lake Boeuf (Amoco)	Intrastate Gas Map, Louisiana Department of Conservation 1974
6	GP-13	Terrebonne - T16S,R15E (S35&36)	Thibodeau (Exxon)	Intrastate Gas Map, Louisiana Department of Conservation 1974
7	GP-1	St. Charles - T14S,R20E (S. of Vallier)	Paradis (Texaco)	Intrastate Gas Map, Louisiana Department of Conservation 1974
7	GP-2	St. Charles - Hahnville	Crawfish Plant (Shell)	USGS NH15-9
7	GP-3	St. Charles - T13S,R7E (S38&39)	Norco Fractionator Plant (Shell)	BLM OCS 1978 Visual #7
7	GP-4	St. Bernard - TS14S, R14E (S54)	Toca Plant Shell Oil)	BLM OCS 1978 Visual #7
7	GP-5	St. Bernard - T14S,R14E	Toca Plant (Southern Natural Gas)	BLM OCS Visual #7
7	GP-6	St. Bernard - T14S,R14E	Toca Plant (Union Texas Petroleum)	USGS NH16-7
7	GP-7	St. Bernard - T14S,R15E	Yscloskey Plant (Shell)	Intrastate Gas Map, Louisiana Department of Conservation 1974
8	No sites indicated or found.			
9	GP-1	St. Mary's - TS17S,R9E (S3)	Bayou Sale G.P.P. (Atlantic Richfield)	Field Notes

(continued)

Table 1.

Map no.	Site no.	Location	Name (owner)	Source
9	GP-2	St. Mary's - TS17S,R9E (S3)	Bayou Sale G.P.P. (Atlantic Richfield)	Field Notes
9	GP-3	St. Mary's - T17S,R9E (S15)	Eugene Isle Plant (Wanda Petroleum)	Intrastate Gas Map, Louisiana Department of Conservation 1974
9	GP-4	St. Mary's - T17S,R10E (S28)	Belle Isle G.P.P. (Sun Oil)	Field Notes
9	GP-5	St. Mary's - T16S,R9E (S6)	Bayou Sale G.P.P. (Texaco)	Intrastate Gas Map, Louisiana Department of Conservation 1974
9	GP-6	St. Mary's - Garden City	Garden City G.P.P. (Exxon)	Field Notes
9	GP-7	St. Mary's - near Franklin	Calumet G.P.P. (Shell)	USGS
9	GP-8	St. Mary's - T15S,R11E (S49)	Patterson Plant (Placid Oil)	BLM OCS Visual #7
9	GP-9	St. Mary's-near Patterson	Placid Oil	USGS
9	GP-10	St. Mary's - near Morgan City	Sun G.P.P.	USGS NH15-9
9	GP-11	St. Mary's - Bateman Lake Oil & Gas Fields	Floodway G.P.P. (Texaco)	Intrastate Gas Map, Louisiana Department of Conservation 1974
9	GP-12	Terrebonne - T19S, R13E (S2)	Bayou Penchant (Superior Oil)	Intrastate Gas Map, Louisiana Department of Conservation 1974
10	GP-1	Terrebonne - Gibson	N. Terrebonne Plant (Shell)	USGS NH15-9
10	GP-2	Terrebonne - T17S, R16E (S35)	N. Terrebonne Plant (Shell)	Field Notes

(continued)

Table 1.

Map no.	Site no.	Location	Name (owner)	Source
10	GP-3	Terrebonne - T17S, R17E (S102)	Hollywood G.P.P. (Getty)	Field Notes
10	GP-4	Terrebonne - T17S, R17E (S26)	Houma (Union Oil)	Field Notes
10	GP-5	Terrebonne - T18S, R18E (S37)	Bourg Baseline Plant (Liquid Products Recovery)	Intrastate Gas Map, Louisiana Department of Conservation 1974
10	GP-6	Terrebonne - T19S, R19E (S23)	Lirette (Exxon)	Intrastate Gas Map, Louisiana Department of Conservation 1974
10	GP-7	Terrebonne - T19S, R19E (S32)	Timberlake G.P.P.	Field Notes A
10	GP-8	Terrebonne - T20S, R18E (S70)	Lapeyrouse (Placid Oil)	Field Notes A
10	GP-9	Terrebonne - T21S, R16E (S24)	Four Isle Dome (Superior Oil)	USGS NH15-9
10	GP-10	Terrebonne - T19S, R14E	Bayou Penchant	Louisiana Intrastate Geo. Map 1974
11	GP-1	Terrebonne - T19S, R20E (Wd11)	Point AuChien (LA Land & Exploration)	USGS NH15-9
11	GP-2	Lafourche - T17S, R19E (S9)	Valentine G.P.P. (Texaco)	Instrastate Gas Map, Louisiana Department of Conservation 1974
11	GP-3	Jefferson (M.H.)	Barataria G.P.P. (Chevron)	Instrastate Gas Map, Louisiana Department of Conservation, Gas List 1974

(continued)

Table 1.

Map no.	Site no.	Location	Name (owner)	Source
11	GP-4	Jefferson - T17S, R24E (S19)	Lafitte (Texaco)	Instrastate Gas Map, Louisiana Department of Conservation 1974
12	GP-1	Plaquemines - T20S, R29E	Buras G.P. (Delta Gas)	
12	GP-2	Plaquemines - T19S, R28E	Naim Gas Plant (Delta Gas)	Intrastate Gas Map, Louisiana Department of Conservation 1974
12	GP-3	Plaquemines - T21S, R28E (S43&14)	Bastian Bay G.P.P. (Getty Oil)	Intrastate Gas Map, Louisiana Department of Conservation 1974
12	GP-4	Plaquemines - T20S, R29E (S46)	S.E. Bastian Bay Plant (Gulf Energy & Minerals)	USGS
12	GP-5	Plaquemines - T19S, R26E (S36)	Lake Washington G.P. (Signal Petroleum)	Intrastate Gas Map, Louisiana Department of Conservation 1974
12	GP-6	Lafourche - Fifi Island	(Exxon)	Field Notes
12	GP-7	Plaquemines - W. of Point A La Hache	(Harry R. Bonds, Inc.)	
13	GP-1	Plaquemines - T21S,R30E (S25)	Venice Plant (Gulf Oil)	Intrastate Gas Map, Louisiana Department of Conservation 1974
13	GP-2	Plaquemines - T21E,R30E (S25)	Venice Stabilizer Plant (Gulf Oil)	Intrastate Gas Map, Louisiana Department of Conservation 1974

(continued)

Table 1. (concluded)

Map no.	Site no.	Location	Name (owner)	Source
13	GP-3	Plaquemines - T21S,R30E (S25)	Venice G.P.P. (Texaco)	Intrastate Gas Map, Louisiana Department of Conservation 1974
13	GP-4	Plaquemines - T21S,R30E	Delta G.P.P. (Exxon)	Intrastate Gas Map, Louisiana Department of Conservation 1974
13	GP-5	Plaquemines - T21S,R30E (S25&26)	Venice G.P.P. (Getty Oil)	Intrastate Gas Map, Louisiana Department of Conservation 1974
13	GP-6	Plaquemines - T24S, R33E (S49)	Garden Island Bay G.P. (Texaco)	Intrastate Gas Map, Louisiana Department of Conservation 1974

Table 2. Petroleum industries.

Map no.	Site no.	Location	Name (owner)	Source
1	PI-1	Livingston-Denham Springs	Debose Oil Products	U.S. Army Corps of Engineers
1	PI-2	Livingston-Denham Springs	March Chemicals	U.S. Army Corps of Engineers
1	PI-3	Livingston-Denham Springs	Polyform Chemicals	U.S. Army Corps of Engineers
2	No sites indicated or found.			
3	PI-1	St. Tammany - N. Slidell	Dixie Plastics	U.S. Army Corps of Engineers
3	PI-2	Hancock - Ansley	Reichhold Chemical	USGS NH16-4
3	PI-3	Harrison - Bernard Bayou	Wicole Chemicals, Inc.	Field Notes
4	PI-1	Jackson, MS - Pascagoula	Chevron Inc.	USGS NH16-4
4	PI-2	Jackson, MS - Pascagoula	First Mississippi Corp.	USGS NH16-4
4	PI-3	Jackson, MS - Pascagoula	Mississippi Chemical	USGS NH16-4
5	PI-1	St. Mary - United	Ashland Chemical/ VanHoe Carbon Black	Intrastate Gas List, Louisiana Department of Conservation 1974
5	PI-2	Iberia - Iberville	Georgia Pacific/ Rebecca Chemical	U.S. Army Corps of Engineers
5	PI-3	Iberia - New Iberia	Ashland	USGS NH15-9
6	PI-1	St. Mary - Franklin	Cabot	USGS NH15-9
6	PI-2	St. Mary - Franklin	Citgo	USGS NH15-9
6	PI-3	St. James - Lauderdale	Gulf Oil	U.S. Army Corps of Engineers & Field Notes
6	PI-4	St. James - Lauderdale	Agrico Chemical Co.	U.S. Army Corps of Engineers & Field Notes

(continued)

Table 2. (continued)

Map no.	Site no.	Location	Name (owner)	Source
6	PI-5	St. James - Lauderdale	Uncle Sam/Freeport Chemical	U.S. Army Corps of Engineers & Field Notes
6	PI-6	St. James - Convent	Dupont	USGS NH15-6
6	PI-7	St. James - Convent	Texaco	USGS NH15-6
6	PI-8	St. James - St. James	Gulf Oil Chemical	USGS NH15-6
6	PI-9	St. James - Angelia	Kaiser Aluminum & Chemical	Field Notes
6	PI-10	St. John - Mt. Airy	Garyville Plant (Nalco Chemical)	Field Notes
6	PI-11	St. John - Dutch Bayou	Sewell Plastics, Inc.	Field Notes
6	PI-12	St. John - Dutch Bayou	Jones Chemical Inc.	Field Notes
6	PI-13	Lafourche - Thibodaux	Napasco Chemicals	U.S. Army Corps of Engineers
7	PI-1	St. Charles - T13S, R8E (S49)	Monsanto Chemical Corp.	USGS & Field Notes
7	PI-2	St. Charles - Taft	Argus Chemical Corp.	U.S. Army Corps of Engineers
7	PI-3	St. Charles - Taft	National Phosphalt	U.S. Army Corps of Engineers
7	PI-4	St. Charles - Taft	Taft Cylinder Plant (Union Carbide)	USGS & Field Notes
7	PI-5	St. Charles 1-½ miles E. of Waterford	Beeker Taft Plant (Hooker Chemical & Plastics)	U.S. Army Corps of Engineers & Field Notes
7	PI-6	St. Charles 1-½ miles E. of Waterford	Baker Industries	
7	PI-7	St. Charles - St. Rose	Usamex Fertilizers	U.S. Army Corps of Engineers
7	PI-8	St. Charles - Norco	River Plant (Shell Chemical Co.)	Field Notes & U.S. Army Corps of Engineers
7	PI-9	St. John - Garyville	Nalco Chemical Co.	U.S. Army Corps of Engineers
7	PI-10	St. John - LaPlace	Dupont Ponchartrain E.I. du Pont de Nemours	Field Notes

(continued)

Table 2. (continued)

Map no.	Site no.	Location	Name (owner)	Source
7	PI-11	St. Charles - Norco	Shell Chemical Co.	Field Notes & U.S. Army Corps of Engineers
7	PI-12	Jefferson - Waggaman	American Cyanamid Co.	U.S. Army Corps of Engineers
7	PI-13	Jefferson - Kenner	Sellers Chemical	U.S. Army Corps of Engineers
7	PI-14	Jefferson - Metairie	Delta Petroleum	U.S. Army Corps of Engineers
7	PI-15	Jefferson - Metairie	Superior Industries	U.S. Army Corps of Engineers
7	PI-16	Jefferson - E. of Shrewsbury	Intl. Lubricant Corp.	U.S. Army Corps of Engineers
7	PI-17	Jefferson - Shrewsbury	Crown Oil and Chemical	U.S. Army Corps of Engineers
7	PI-18	Jefferson - Harahan	Atlas Lubricant Corp.	U.S. Army Corps of Engineers
7	PI-19	Jefferson - Harahan	Sellers Chemical	U.S. Army Corps of Engineers
7	PI-20	Jefferson - Harahan	Polyco, Inc.	U.S. Army Corps of Engineers
7	PI-21	Jefferson - Westwego	Gulf States Asphalt	U.S. Army Corps of Engineers
7	PI-22	Jefferson - Gretna	Malter Intl. Corp.	U.S. Army Corps of Engineers
7	PI-23	Jefferson - Gretna	Witco Chemical Corp.	U.S. Army Corps of Engineers
7	PI-24	Jefferson - Gretna	Gibson Homans of LA	U.S. Army Corps of Engineers
7	PI-25	Jefferson - Gretna	Publicker Chemical Corp.	U.S. Army Corps of Engineers
7	PI-26	Orleans - New Orleans	Air Products	USGS NH15-9
7	PI-27	Orleans - New Orleans	Airco Industrial Gases	USGS NH15-9
7	PI-28	Plaquemines-Belle Chasse	Niagra Chemical Division	Field Notes
7	PI-29	Plaquemines-Belle Chasse	FMC Corp.	U.S. Army Corps of Engineers

(continued)

Table 2. (concluded)

Map no.	Site no.	Location	Name (owner)	Source
7	PI-30	Plaquemines-Belle Chasse	Chemical Division, Oak Point Plant (Chevron Chemical Co.)	U.S. Army Corps of Engineers & Field Notes
8	No sites indicated or found.			
9	PI-1	St. Mary - T15S, R10E	Bayou Sale Carbon Black Plant/Cabot	Louisiana Intrastate Gas Map, Department of Conservation 1974
9	PI-2	St. Mary - North Bend	Owner unknown	Field Notes
9	PI-3	St. Mary - North Bend	North Bend No. 95 Carbon Plant	Louisiana Intrastate Gas Map, Department of Conservation 1974
10	PI-1	Terrebonne-between Corzier & S.E. Houma Oil & Gas Field		Dadelman Intl, Inc. Field Notes
11	No sites indicated or found.			
12	No sites indicated or found.			
13	PI-1	Plaquemines - Venice	Milchem, Inc.	Field Notes

Table 3. Oil refineries.

Map no.	Site no.	Location	Name (owner)	Source
1	No sites indicated or found.			
2	No sites indicated or found.			
3	No sites indicated or found.			
4	OR-1	Jackson, MS - Pascagoula	(Chevron)	USGS NH16-4
4	OR-2	Jackson, MS - Pascagoula	KYSO (Chevron Oil Co.)	Crude Oil Pipelines, June 1, 1975
5	No sites indicated or found.			
6	OR-1	St. James - T11S, R3E	Convent Refinery (Texaco)	USGS & U.S. Army Corps of Engineers
6	OR-2	St. James - T12S, R4E	Convent Refinery	U.S. Army Corps of Engineers
6	OR-3	St. James - Caire Spur	Bruen Refinery	Field Notes
6	OR-4	St. James - T12S, R16E	LaJet	U.S. Army Corps of Engineers
6	OR-5	St. John - Angelina	Mt. Airy Refinery	Field Notes
6	OR-6	St. John - T11S, R6E	Garyville Plant (Marathon)	U.S. Army Corps of Engineers & Field Notes
6	OR-7	Lafourche - Thibodaux	REFCO	U.S. Army Corps of Engineers & Field Notes
7	OR-1	St. Charles - T12S, R8E (S6)	Norco Refinery (Shell)	U.S. Army Corps of Engineers & Louisiana Gas List, Department of Conservation 1974
7	OR-2	St. Charles - T12S, R8E (S7)	Good Hope Refinery	U.S. Army Corps of Engineers & Louisiana Gas List, Department of Conservation 1974

(continued)

Table 3. (concluded)

Map no.	Site no.	Location	Name (owner)	Source
7	OR-3	Jefferson - T12S, R10E	Jefferson Plant (Delta Petroleum)	U.S. Army Corps of Engineers & Louisiana Gas List, Dept. of Conservation 1974
7	OR-4	St. Bernard - T13S, R12E (S6&7)	Chalmette Refinery (Tenneco Oil Co.)	U.S. Army Corps of Engineers
7	OR-5	St. Bernard - T13S, R12E (S19) & T13S, R13E, (S39)	Meraux Refinery (Murphy Oil)	USGS
7	OR-6	Plaquemines - Port Nickel	Amax Nickel Refining Co.	Field Notes
8	No sites indicated or found.			
9	No sites indicated or found.			
10	No sites indicated or found.			
11	OR-1	Lafourche - W. of Cutoff Oil & Gas Field	Owner unknown	Field Notes
11	OR-2	Lafourche - W. of Bayou Ferbland Oil Field	Owner unknown	Field Notes
12	OR-1	Plaquemines - T17S, R25E (S10)	Alliance Refinery (Gulf)	Field Notes
12	OR-2	Plaquemines - T19S, R17E (S52&53)	Ostrica Refinery (Gulf)	Field Notes
13	OR-1	Plaquemines - Tiger Pass Oil Field	Venice (Gulf)	U.S. Army Corps of Engineers
13	OR-2	Plaquemines - N. of Tiger Pass Oil Field	Venice (Getty)	U.S. Army Corps of Engineers

Table 4. Oil storage facilities.

Map no.	Site no.	Location	Name (owner)	Source
1	No sites indicated or found.			
2	OS-1	St. Tammany - Houltonville	(Lyon Oil Co.)	Field Notes
3	OS-1	Hancock	Owner unknown (Tennessee Gas Pipeline)	
3	OS-2	Harrison-Gulfport Harbor	Owner unknown	Field Notes
4	No sites indicated or found.			
5	OS-1	Iberia - T12S, R5E (S22)	Owner unknown	Field Notes
5	OS-2	Iberia - T13S, R5E (S55)	(Exxon)	Field Notes
5	OS-3	Iberia - T14S, R6E (S47)	Strategic Petroleum Reserve (Frontier-Kemper-Morton Salt)	Field Notes
5	OS-4	Iberia - Weeks Island	(Shell Oil Co.)	Field Notes
5	OS-5	St. Mary - United	(Ashland Chemical)	Field Notes
5	OS-6	Iberia - T12S, R6E (S45)	(Amoco/Texaco)	Field Notes
5	OS-7	Iberia - T11S, R6E (S2)	(Texaco Oil)	Field Notes
5	OS-8	Iberia - T12S, R7E (S25)	(Exxon Pipeline Co.)	Field Notes
5	OS-9	Iberia - T12S, R7E (S25)	(Texaco, Inc.)	Field Notes
5	OS-10	Iberia - T13S, R8E (S17)	(Amoco Oil Co.)	Field Notes
5	OS-11	Iberia - T11S, R8E (S20)	Kling Wallet Lease (Texaco Inc. & Citgo)	Field Notes
5	OS-12	Iberia - T12S, R7E (S24)	(Texas Pipeline Co.)	Field Notes
5	OS-13	Iberia - T12S, R7E	Owner unknown	Field Notes
6	OS-1	St. Mary - Franklin Field	(Southern Natural Gas Co.)	Field Notes

(continued)

Table 4. (continued)

Map no.	Site no.	Location	Name (owner)	Source
6	OS-2	St. Mary - Jeanerette Field	(Atlantic Richfield Co.)	Field Notes
6	OS-3	St. James - Union	Texaco Plant	Field Notes
6	OS-4	St. James - Lauderdale	Agrico Faustine Plant	Field Notes
6	OS-5	St. James - Lauderdale	St. James Plant (Gulf Oil Chemicals Co.)	Field Notes
6	OS-6	St. James - across Mississippi River from Convent	Strategic Petroleum Reserve (U.S. Dept. of Energy)	Field Notes
6	OS-7	St. James	Bruen Refinery	Field Notes
6	OS-8	St. James - 1 mile W. Vacherie	(Trans-Ocean Oil, Inc.)	Field Notes
6	OS-9	St. John - Angelia	Mt. Airy Refinery	Field Notes
6	OS-10	St. John - Dolsen	(Marathon Oil)	Field Notes
6	OS-11	St. James - 1 mile S. of Armant on Rt. 20	(Exxon)	Field Notes
6	OS-12	Lafourche - 3 1/3 miles N.E. of Lake Boeuf	Owner Unknown	Field Notes
6	OS-13	Lafourche - 3 miles W. Lake Boeuf	(Patrick Oil Co.)	Field Notes
6	OS-14	Lafourche - 1 mile N.W. of Choctaw	(Gold King Production)	Field Notes
6	OS-15	Lafourche - 1 mile N.W. of Leighton	Owner Unknown	Field Notes
6	OS-16	Lafourche - 2 miles S.W. of Leighton	(Sunoco)	Field Notes
6	OS-17	Lafourche - S. of St. John's Gas Field	(Sunoco)	Field Notes
7	OS-1	St. Charles - Bayou Des Allemonds Oil & Gas Field	(Exxon Pipeline Co.)	Field Notes
7	OS-2	St. Charles - Paradis	Owner Unknown	Field Notes
7	OS-3	St. Charles - Paradis	(Texaco)	Field Notes
7	OS-4	St. Charles - N.E. of Paradis	(Sinclair, Inc.)	Field Notes
7	OS-5	St. Charles - Norco-Goodhope	(Shell Chemical & Shell Oil)	Field Notes

(continued)

Table 4. (continued)

Map no.	Site no.	Location	Name (owner)	Source
7	OS-6	St. Charles - Norco-Goodhope Gas Field	(Shell Oil)	Field Notes
7	OS-7	St. Charles - Luling	(United Gas Pipeline, Inc.)	Field Notes
7	OS-8	St. Charles - St. Rose	Owner Unknown	Field Notes
7	OS-9	St. Charles - St. Rose	(Intl. Maytag)	Field Notes
7	OS-10	Orleans	Owner Unknown	Field Notes
7	OS-11	Jefferson - T12S, R22E (S16)	Owner Unknown	Field Notes
7	OS-12	Jefferson - T12S, R22E (S21)	Owner Unknown	Field Notes
7	OS-13	Jefferson - T12S, R22E (S24)	Owner Unknown	Field Notes
7	OS-14	Jefferson - T12S, R23E	Owner Unknown	Field Notes
7	OS-15	Jefferson - T12S, R23E	Owner Unknown	Field Notes
7	OS-16	Jefferson - T12S, R23E (S29)	Owner Unknown	Field Notes
7	OS-17	St. Bernard	Owner Unknown	Field Notes
7	OS-18	Plaquemines - N.W. of Dalcour	Owner Unknown	Field Notes
7	OS-19	Orleans - near Chalmette	(Tenneco Oil Co.)	Field Notes
7	OS-20	St. Bernard - Chalmette	(Murphy Oil Corp.)	Field Notes
7	OS-21	Plaquemines - Port Nichol	Amax Nickel Refinery	Field Notes
7	OS-22	St. Bernard - near NASA Michoud Assembly Facility	Owner Unknown	Field Notes
7	OS-23	St. Bernard - Delacroix	Owner Unknown	Field Notes
7	OS-24	St. Bernard - S.W. of Old Shell Beach	(Shell Oil Co.)	Field Notes
7	OS-25	St. John - T11S, R7E (S26)	(Mobil Oil Corp.)	
8	No sites indicated or found.			
9	OS-1	St. Mary - T17S, R9E (S9)	(Southern Natural Gas)	Field Notes
9	OS-2	St. Mary - T17S, R9E (S10)	(Mobil Oil Corp.)	Field Notes

(continued)

Table 4. (continued)

Map no.	Site no.	Location	Name (owner)	Source
9	OS-3	St. Mary - T17S, R9E (S16)	(Exxon Corp.)	Field Notes
9	OS-4	St. Mary - W. of Eilerslie	(Mobil Oil Corp.)	Field Notes
9	OS-5	St. Mary - North Bend	(Mobil Oil Corp.)	Field Notes
9	OS-6	St. Mary - Patterson Oil & Gas Field	Owner Unknown	Field Notes
9	OS-7	St. Mary - Patterson Oil & Gas Field	Owner Unknown	Field Notes
9	OS-8	St. Mary - Harry P. Williams Memorial Airport	Owner Unknown	Field Notes
9	OS-9	St. Mary - Logonda	Owner Unknown	Field Notes
9	OS-10	St. Mary - on bank of Bayou Teche	(Texaco)	Field Notes
9	OS-11	St. Mary - Morgan City	(Amoco)	Field Notes
9	OS-12	St. Mary - Morgan City	Owner Unknown	Field Notes
9	OS-13	St. Mary - Morgan City	(Rio Fuel & Supply)	Field Notes
9	OS-14	St. Mary - Morgan City	(Amoco Oil Co.)	Field Notes
9	OS-15	St. Mary - Morgan City	(Texaco)	Field Notes
9	OS-16	St. Mary - Morgan City	(Conoco)	Field Notes
9	OS-17	St. Mary - Morgan City	(Cox Oil)	Field Notes
9	OS-18	St. Mary - Morgan City	(Dowell)	Field Notes
9	OS-19	St. Mary - Morgan City	Owner Unknown	Field Notes
9	OS-20	St. Mary - Bateman Lake	(Berry Bros.)	Field Notes
9	OS-21	St. Mary - N. of Avoco	(Mobil Oil & Kerr-McGee)	Field Notes
9	OS-22	St. Mary - N.E. of Avoco	(Berwick Bay Oil Co.)	Field Notes
9	OS-23	St. Mary - Wyandotte Oil & Gas Field	(Danson Oil Corp.)	Field Notes
9	OS-24	St. Mary - Ramos Gas Field	(L. Cobb Intercoastal)	Field Notes
9	OS-25	St. Mary - S.E. of Amelia	(Powell Oil)	Field Notes
10	OS-1	Terrebonne - T16S, R14E (S53)	(Sun Oil)	Field Notes
10	OS-2	Terrebonne - T17S, R15E (S30)	(Shell Oil)	Field Notes

(continued)

Table 4. (continued)

Map no.	Site no.	Location	Name (owner)	Source
10	OS-3	Terrebonne - T17S, R14E (S16)	(Shell Oil)	Field Notes
10	OS-4	Terrebonne - T17S, R14E (S22)	(Transcontinental Gas & Pipeline Co)	Field Notes
10	OS-5	Terrebonne - T17S, R16E (S35)	(Transcontinental Gas & Pipeline Co)	Field Notes
10	OS-6	Terrebonne - T17S, R16E (S13)	Owner Unknown	Field Notes
10	OS-7	Terrebonne - N.E. of Hollywood	Owner Unknown	Field Notes
10	OS-8	Terrebonne - T17S, R17E (S102)	Owner Unknown	Field Notes
10	OS-9	Terrebonne - T17S, R17E (S103)	(General American Oil Co.)	Field Notes
10	OS-10	Terrebonne - T17S, R16E (S64 & 65)	Owner Unknown	Field Notes
10	OS-11	Terrebonne - T17S, R16E (S26)	(Union Oil)	Field Notes
10	OS-12	Terrebonne - T17S, R17E (S20)	(Texas Pipeline)	Field Notes
10	OS-13	Terrebonne - T18S, R19E (S48)	(Shell Oil)	Field Notes
10	OS-14	Terrebonne - T18S, R19E (S13)	(Southern Natural Gas)	Field Notes
10	OS-15	Terrebonne - T19S, R19E (S32)	(Shell Oil)	Field Notes
10	OS-16	Terrebonne - T19S, R18E (S28 & 29)	Owner Unknown	Field Notes
10	OS-17	Terrebonne - Bacobau Base	Owner Unknown	Field Notes
10	OS-18	Terrebonne - T20S, R17E (S37)	(Amoco)	Field Notes
10	OS-19	Terrebonne - T20S, R17E (S4)	Owner Unknown	Field Notes
10	OS-20	Terrebonne - T20S, R17E (S9)	(Petroleum Distributing Co.)	Field Notes
10	OS-21	Terrebonne - T20S, R17E (S51)	(Berrick Bay Oil Co.)	Field Notes
10	OS-22	Terrebonne - T20S, R18E (S86 & 99)	(Texas Pipeline Co., Inc.)	Field Notes

(continued)

Table 4. (continued)

Map no.	Site no.	Location	Name (owner)	Source
10	OS-23	Terrebonne - T21S, R18E (S84)	(Texaco)	Field Notes
11	OS-1	Lafourche - near Jay	Owner Unknown	Field Notes
11	OS-2	Lafourche - near Jay	Owner Unknown	Field Notes
11	OS-3	Lafourche - W. of Ludenvine	Owner Unknown	Field Notes
11	OS-4	Lafourche - Ludenvine	(Exxon)	Field Notes
11	OS-5	Lafourche - W. of LaRose	Owner Unknown	Field Notes
11	OS-6	Lafourche - W. of Cutoff Oil & Gas Field	Owner Unknown	Field Notes
11	OS-7	Lafourche - N. of Golden Meadow	Owner Unknown	Field Notes
11	OS-8	Lafourche - N. of Golden Meadow	(Texaco)	Field Notes
11	OS-9	Lafourche - Bayou Ferblanc Oil Field	Owner Unknown	Field Notes
11	OS-10	Lafourche - Bayou Ferblanc Oil Field	Owner Unknown	Field Notes
11	OS-11	Lafourche - W. of Bayou Ferblanc Oil Field	Owner Unknown	Field Notes
11	OS-12	Lafourche - N. of Leeville, LA	Owner Unknown (Texaco)	Field Notes
11	OS-13	Lafourche - Leeville Oil & Gas Field	Owner Unknown	Field Notes
11	OS-14	Lafourche - Leeville Oil & Gas Field	(Texaco)	Field Notes
11	OS-15	Lafourche - Leeville Oil & Gas Field	(Chevron)	Field Notes
11	OS-16	Lafourche - N. of Bay Marshand	(Shell & Gulf)	Field Notes
11	OS-17	Lafourche - T22S, R23E (S31)	(Shell & Gulf)	Field Notes
11	OS-18	Jefferson - Barataria Oil Field	(Chevron)	Field Notes
11	OS-19	Jefferson - Barataria Oil Field	Owner Unknown	Field Notes
11	OS-20	Jefferson - Barataria Oil Field	Owner Unknown	Field Notes

(continued)

Table 4. (concluded)

Map no.	Site no.	Location	Name (owner)	Source
11	OS-21	Jefferson - Barataria Oil Field	Owner Unknown	Field Notes
11	OS-22	Jefferson - Lafitte	Owner Unknown	Field Notes
12	OS-1	Plaquemines - Alliance	Gulf Alliance Oil Refinery	Field Notes
12	OS-2	Plaquemines - Dovant	Owner Unknown	Field Notes
12	OS-3	Plaquemines - S. of Dovant	Owner Unknown	Field Notes
12	OS-4	Plaquemines - Pointe a la Hache	(United Gas Pipeline)	Field Notes
12	OS-5	Plaquemines - W. of Pointe a la Hache	Owner Unknown	Field Notes
12	OS-6	Plaquemines - Pointe a la Hache	Owner Unknown	Field Notes
12	OS-7	Plaquemines - Pointe a la Hache	(Harry R. Bonds Inc.)	Field Notes
12	OS-8	Plaquemines - Happy Jack	(Tennessee Gas Pipeline)	Field Notes
12	OS-9	Plaquemines - Port Sulfer	Owner Unknown	Field Notes
12	OS-10	Plaquemines - S. of Port Sulfer	(Freeport Sulphur Co.)	Field Notes
12	OS-11	Plaquemines - Zibilich	(Shell Pipeline Co.)	Field Notes
12	OS-12	Plaquemines - Empire	(Gulf Oil)	Field Notes
12	OS-13	Jefferson - Grand Isle	(Continental Oil & Gas - Exxon - Freeport Sulphur Co.)	Field Notes
12	OS-14	Plaquemines	(Gulf Oil)	Field Notes
13	OS-1	Plaquemines - S. of Triumph	(Gulf Oil)	Field Notes
13	OS-2	Plaquemines - Venice	(Gulf Oil)	Field Notes
13	OS-3	Plaquemines - Venice	(Getty Oil)	Field Notes

Table 5. Pipe storage yards

Map no.	Site no.	Location	Name (owner)	Source
1	No sites indicated or found.			
2	No sites indicated or found.			
3	PS-1	St. Tammany - Slidell	Southern Pipe & Supply	Field Notes
3	PS-2	St. Tammany - Slidell	Sky Top Bruster, Inc.	Field Notes
3	Ps-3	Harrison - N.E. of Gulfport	Emco-Wheaton, Inc.	Field Notes
4	No sites indicated or found.			
5	PS-1	Iberia - T12S,R6E (S14)	Eastman Whipstock Machine Shop	Field Notes
5	PS-2	Iberia - T12S,R6E (S14)	Iberia Machine Shop	Field Notes
5	PS-3	Iberia - T12S,R6E (S14)	Geosource Oil Tool Division	Field Notes
5	PS-4	Iberia - T12S,R6E (S9)	Iberia Division (Chromalloy)	Field Notes
5	PS-5	Iberia - T12S,R6E (S41)	Dixie Oil Tools	Field Notes
5	PS-6	Iberia - T12S,R7E (S38)	Wilson Downhole Service	Field Notes
6	PS-1	St. Mary - T13S,R9E (S35)	Owner Unknown	U.S. Army Corps of Engineers
7	PS-1	St. Charles - near Paradis	Texaco, Inc.	Field Notes
7	PS-2	St. Bernard - near Bayou Des Allemandes Oil & Gas Field	Amerada Hess Corps	Field Notes
7	PS-3	Plaquemines - E. of Belle Chasse	Owner Unknown	Field Notes
7	PS-4	Plaquemines - E. of Belle Chasse	Bethlehem Steel	Field Notes
7	PS-5	Plaquemines - E. of Belle Chasse	Coastal Wall Line Service	Field Notes

(continued)

Table 5. (continued)

Map no.	Site no.	Location	Name (owner)	Source
7	PS-6	Plaquemines - E. of Belle Chasse	Brown & Root, Inc.	Field Notes
7	PS-7	Plaquemines - Ward 2	Pipe Fabricators	Field Notes
7	PS-8	Plaquemines - Ward 2	Brown & Root, Inc.	Field Notes
7	PS-9	Plaquemines - W. of Cedar Grove	Owner Unknown	Field Notes
7	PS-10	Plaquemines - S. of Cedar Grove	Coastal Wall Line	Field Notes
7	PS-11	St. Bernard - near Poydras Junction	Owner Unknown	Field Notes
7	PS-12	Plaquemines - Braithwaite	Owner Unknown	Field Notes
8	No sites indicated or found.			
9	PS-1	St. Mary - T15S,R11E (S60)	Exxon	U.S. Army Corps of Engineers BLM Visual #7
9	PS-2	St. Mary - T16S,R13E (S46)	McDermott, Inc.	U.S. Army Corps of Engineers BLM Visual #7
9	PS-3	St. Mary - T16S,R12E (S12)	Owner Unknown	U.S. Army Corps of Engineers BLM Visual #7
9	PS-4	St. Mary - Wyandotte	Patterson Trucking	Field Notes
10	PS-1	Terrebonne - T16S,R16E (S58)	Max Welders	Field Notes B
10	PS-2	Terrebonne - T15S,R16E (S71&72)	Transcontinental Gas	Field Notes A
10	PS-3	Terrebonne - T15S,R16E (S71&72)	Power Rig Tool Company	Field Notes A
10	PS-4	Terrebonne - S. of Schriever	Florida Gas Exploration	Field Notes B
10	PS-5	Terrebonne - Savoie - Bayou Blue	Houma Steel & Supply	Field Notes B
10	PS-6	Terrebonne - R17S,R17E (S39)	Heldenbrand, Inc.	Field Notes A & B
10	PS-7	Terrebonne - T17S,R17E, near Southdown	Superior Casings & Crews	Field Notes B

(continued)

Table 5. (concluded)

Map no.	Site no.	Location	Name (owner)	Source
10	PS-8	Terrebonne - T17S,R17E (S12)	Sooner Pipe & Supply Corp.	Field Notes A
10	PS-9	Terrebonne - T17S,R17E (S21)	Pipe Distributor's Inc.	Field Notes A
10	PS-10	Terrebonne - T17S,R17E (S12)	Delta Fabricators	Field Notes A
10	PS-11	Terrebonne - T17S,R17E (S12)	Owner Unknown	Field Notes A
10	PS-12	Terrebonne - T17S, R17E (S12)	Greenco Machine Shop of Houma	Field Notes A
10	PS-13	Terrebonne - T17S,R17E (S12)	Petroleum Rental Tools	Field Notes A
10	PS-14	Terrebonne - T17S,R17E (S12)	Matthew Rental	Field Notes A
10	PS-15	Terrebonne - T17S,R17E (S12)	Brown Oil Tools	Field Notes A
10	PS-16	Terrebonne - T17S,R17E (S12)	K&B Machine Works, Inc.	Field Notes A
10	PS-17	Terrebonne - T17S,R17E (S11)	Bethlehem Steel	Field Notes A
10	PS-18	Terrebonne - T18S,R17E (S17)	Santa Fe Engineering & Construction Company	Field Notes A
10	PS-19	Terrebonne - S.E. of Houma Oil & Gas Field	Chromalloy	Field Notes B
10	PS-20	Terrebonne - S.E. of Houma Oil & Gas Field	Owner Unknown	Field Notes B
10	PS-21	Terrebonne - S.E. of Houma Oil & Gas Field	Offshore Case & Crews	Field Notes B
11	No sites indicated or found.			
12	PS-1	Plaquemines - Pointe a la Hache	Harry R. Bonds, Inc.	Field Notes
12	PS-2	Plaquemines - Bohemia	Exxon Co.	Field Notes
13	PS-1	Plaquemines - Boatville	Diaco Fishing Tools	Field Notes
13	PS-2	Plaquemines - Duric	Pioneer Fishing & Rental Tools	Field Notes
13	PS-3	Plaquemines - Duric	Wilson Downhole Services	Field Notes
13	PS-4	Plaquemines - Venice	Pitco Rental Co.	Field Notes

Table 6. Platform fabrication sites.

Map no.	Site no.	Location	Name (owner)	Source
1	No sites indicated or found.			
2	No sites indicated or found.			
3	PF-1	Hancock - 2 miles E. of Desert Island	Engineered Steel Inc.	Field Notes
3	PF-2	Hancock - 2 miles E. of Desert Island	Island Steel	Field Notes
3	PF-3	Harrison - 3 miles N.E. of Gulfport - Bernard Bayou	Enco-Wheaton, Inc.	Field Notes
3	PF-4	Harrison - 3 miles N.E. of Gulfport - Bernard Bayou	I.K.G. Industries	Field Notes
3	PF-5	Harrison - 3 miles N.E. of Gulfport - Bernard Bayou	Metal Parts, Inc.	Field Notes
3	PF-6	Harrison - 3 miles N.E. of Gulfport - Bernard Bayou	Gulfport Fuel Co.	Field Notes
3	PF-7	Harrison - 3 miles N.E. of Gulfport - Bernard Bayou	Southern Metal Service, Inc.	Field Notes
3	PF-8	Harrison - 3 miles N.E. of Gulfport - Bernard Bayou	Natco, Inc.	Field Notes
4	No sites indicated or found.			
5	PF-1	Iberia - Port of New Iberia	PAR Industries	Field Notes
5	PF-2	Iberia - Port of New Iberia	Port Fabricators, Inc.	Field Notes
5	PF-2	Iberia - Port of New Iberia	Big Mac Welding	Field Notes
5	PF-4	Iberia - Port of New Iberia	Maloney-Crawford Corp.	Field Notes
5	PF-5	Iberia - Port of New Iberia	Waukesha-Pierce Industries	Field Notes

(continued)

Table 6. (continued)

Map no.	Site no.	Location	Name (owner)	Source
5	PF-6	Iberia - Port of New Iberia	McDermott Fabricators Inc.	Field Notes
5	PF-7	Iberia - Port of New Iberia	Gibson Industries	Field Notes
5	PF-8	Iberia - Port of New Iberia	Houston Systems Mfg. Co., Marine Division	Field Notes
6	No sites indicated or found.			
7	PF-1	Jefferson - Harvey Canal	Avondale Shipyards	U.S. Army Corps of Engineers
7	PF-2	Jefferson - Harvey Canal	Bobben Fabricators Inc.	U.S. Army Corps of Engineers
7	PF-3	Jefferson - Harvey Canal	Hunt Tool Co.	U.S. Army Corps of Engineers
7	PF-4	Jefferson - Harvey Canal	Ike Haggard Machine Works	U.S. Army Corps of Engineers
7	PF-5	Jefferson - Harvey Canal	Ocean Sciences, Inc.	U.S. Army Corps of Engineers
7	PF-6	Plaquemines - N. of Belle Chasse	Legardual Intl. Fabrication Yard	Field Notes
7		Plaquemines - Braithwaite	Owner Unknown	Field Notes
7	PF-8	Plaquemines - Ward 2	Pipe Fabricator's	Field Notes
7	PF-9	Plaquemines - Ward 2	Brown & Root	Field Notes
7	PF-10	Plaquemines - E. of Hero Cutoff	Comet Construction Company	Field Notes
7	PF-11	Plaquemines - E. of Hero Cutoff	Becker Associates, Inc.	Field Notes
7	PF-12	Plaquemines - W. of Alvin Callender Field	H.B. Buster Hughes Inc.	Field Notes
8	No sites indicated or found.			
9	PF-1	St. Mary - N. of Idlewild	LeBlanc Welding & Construction	Field Notes
9	PF-2	St. Mary - N. of Idlewild	Rig Fabricators	Field Notes

(continued)

Table 6. (concluded)

Map no.	Site no.	Location	Name (owner)	Source
9	PF-3	St. Mary - Bateman Lake	Owner Unknown	BLM 1978 0-2
9	PF-4	St. Mary - Bateman Lake	Owner Unknown	BLM 1978 0-2
9	PF-5	St. Mary - Bateman Lake	Owner Unknown	BLM 1978 0-2
9	PF-6	St. Mary - Morgan City	Brown & Root	Field Notes
9	PF-7	St. Mary - Ramos Gas Field	Gulf Steel	Field Notes
9	PF-8	St. Mary - S. of Ramos Gas Field	Service Machine Shipbuilding Corp.	Field Notes
9	PF-9	St. Mary - near Ramos Gas Field	Teledyne Movable Offshore	Field Notes
9	PF-10	St. Mary - near Ramos Gas Field	Diamond Service Corporation	Field Notes
9	PF-11	St. Mary - near Ramos Gas Field	Seaway Fabricators	Field Notes
9	PF-12	St. Mary - near Ramos Gas Field	McDermott Fabricators West Yard	BLM 1978 0-2
10	PF-1	Terrebonne - T12S, R14E (S19)	McDermott, Black Bayou Division	Field Notes A
10	PF-2	Terrebonne	Avondale Shipyards	Field Notes B
10	PF-3	Terrebonne - T17S, R17E (S11)	Offshore Shipbuilders	BLM 1978 0-2 Field Notes A
10	PF-4	Terrebonne - T17S, R17E (S11)	Raymond International	BLM 1978 0-2 Field Notes A
10	PF-5	Terrebonne	Santa Fe Engineering Construction Company	Field Notes A
10	PF-6	Terrebonne	Chromalloy, Inc.	Field Notes B
11	No sites indicated or found.			
12	No sites indicated or found.			
13	No sites indicated or found.			

Table 7. Shipyards.

Map no.	Site no.	Location	Name (owner)	Source
1	No sites indicated or found.			
2	No sites indicated or found.			
3	SY-1	St. Tammany - Slidell	R.W. Taylor Steel Complex (Associated with Div. of Halter Marine Services)	Field Notes
3	SY-2	Hancock - 2 miles E. of Desert Island	Easterly Yachts, Inc.	Field Notes
3	SY-3	Harrison - Gulfport Harbor	Mississippi Coast Marine Inc.	Field Notes
4	SY-1	Harrison - Rhodes Point	Owner unknown	Field Notes
4	SY-2	Harrison - Rhodes Point	Tache Marine, Inc.	Field Notes
4	SY-3	Harrison - Rhodes Point	Owner unknown	Field Notes
4	SY-4	Harrison - Point Caddie	Rebel Boatworks Shipyard	Field Notes
4	SY-5	Jackson - N.E. of Ocean Springs	Coastal Shipbuilding, Inc.	Field Notes
4	SY-6	Jackson - Moss Point	Halter Marine	USGS NH16-4
4	SY-7	Jackson - Moss Point	Owner Unknown	Field Notes
4	SY-8	Jackson - Moss Point	James K. Walker Marine Inc.	Field Notes
4	SY-9	Jackson-Pascagoula Route 90	Graham Boats, Inc.	Field Notes
4	SY-10	Jackson-Pascagoula Route 90	Hudson Shipbuilders, Inc.	Field Notes
4	SY-11	Jackson - Spanish Point	Ingall's Shipyard	Field Notes
4	SY-12	Jackson - Greenwood Island	Ingall's Shipyard	USGS NH16-4
5	SY-1	Iberia - T11S,R7E (S72-74)	Neuville Boat Works	Field Notes
5	SY-2	Iberia - T11S,R7E (S47)	Breaux Bay Craft	Field Notes
5	SY-3	Iberia - T12S,R7E (S77)	Owner Unknown	Field Notes
5	SY-4	Iberia - T12S,R6E (S27)	Underwater Competition Team, Inc.	Field Notes

(continued)

Table 7. (continued)

Map no.	Site no.	Location	Name (owner)	Source
6	No sites indicated or found.			
7	SY-1	Jefferson - Harahan	D.W.D. Avondale Shipyards	Field Notes
7	SY-2	Plaquemines - E. of Hero Cutoff	Wall Shipyard Inc.	Field Notes
7	SY-3	Plaquemines - N. of Alvin Callender Field	Owner Unknown	Field Notes
7	SY-4	St. Bernard - Coer-narvan	Elevating Boats, Inc.	Field Notes
7	SY-5	St. Bernard - near Poydros Jct.	Owner Unknown	Field Notes
7	SY-6	St. Bernard - W. of Bayou Juanita along Terre aux Boeufs	Owner Unknown	Field Notes
7	SY-7	St. Bernard - near intersection of State Hwys. 46 & 625		Field Notes
7	SY-8	St. Bernard - near intersection of State Hwys. 46 & 625	Owner Unknown	Field Notes
7	SY-9	St. Bernard - near intersection of State Hwys. 46 & 625	Owner Unknown	Field Notes
7	SY-10	St. Bernard - Yscloskey	Owner Unknown	Field Notes
7	SY-11	St. Bernard - W. of Hopedale	Morton's Boat Rental	Field Notes
7	SY-12	St. Bernard - just S. of northern border of St. Bernard	Crewboats, Inc.	Field Notes
7	SY-13	St. Bernard - just S. of northern border	Halter Marine	Field Notes
7	SY-14	St. Bernard - just S. of northern border	Blue Streck	Field Notes
7	SY-15	Orleans - along Bayou Sauvage, E. of Chico Lagoon	BAW Marine	Field Notes
7	SY-16	Orleans - along Menteur Pass, above Chef Menteur	Owner Unknown	Field Notes

(continued)

Table 7. (continued)

Map no.	Site no.	Location	Name (owner)	Source
7	SY-17	Orleans - along Menteur Pass, above Chef Menteur	Owner unknown	Field Notes
8	No sites indicated or found.			
9	SY-1	St. Mary - N. of Lagonda	Garber Brothers, Inc.	Field Notes
9	SY-2	St. Mary - S.E. of Fairville	Garber Shipyards	Field Notes
9	SY-3	St. Mary - N. of Morgan City	Swiftships	Field Notes
9	SY-4	St. Mary - Morgan City	Templet's Shipyard	Field Notes
9	SY-5	St. Mary - Morgan City	Steven's Shipyard	Field Notes
9	SY-6	St. Mary - Morgan City	Boat Fixer's	Field Notes
9	SY-7	St. Mary - Morgan City	Conrad Industries, Inc.	Field Notes
9	SY-8	St. Mary - Morgan City	L & L Repair & Fabrication	Field Notes
9	SY-9	St. Mary - Morgan City	Intracoastal Shipyard	Field Notes
9	SY-10	St. Mary - S.W. of Wyandotte	Vick's Shipyard	Field Notes
9	SY-11	St. Mary - near Wyandotte	Bayou Boeuf Shipyard	Field Notes
9	SY-12	St. Mary - Ramos Gas Field	L. Cobb Intra-Coastal Shipyard, Inc.	Field Notes
9	SY-13	St. Mary - near Glenwild	Cameron Ironwork & Ships	Field Notes
10	SY-1	Terrebonne - T16S, R14E (S21)	Avondale Shipyards, Inc.	Field Notes
10	SY-2	Terrebonne - T17S, R17E (S39)	Dixie Shipyard, Inc.	Field Notes A
10	SY-3	Terrebonne - T17S, R17E (S39)	Owner Unknown	Field Notes B
10	SY-4	Terrebonne - T17S, R17E (S48)	Cenic Shipyard	Field Notes A

(continued)

Table 7. (concluded)

Map no.	Site no.	Location	Name (owner)	Source
10	SY-5	Terrebonne - T17S, R17E (S11)	Offshore Shipbuilders	Field Notes B
10	SY-6	Terrebonne - T18S, R18E (S3)	Owner Unknown	Field Notes A & B
10	SY-7	Terrebonne - T18S, R18E (S11)	Owner Unknown	Field Notes A
10	SY-8	Terrebonne - T19S, R18E (S11)	Owner Unknown	Field Notes A
10	SY-9	Terrebonne - near Bayou Terrebonne	Owner Unknown	Field Notes B
10	SY-10	Terrebonne - N. of Chauvin	Owner Unknown	Field Notes A & B
10	SY-11	Terrebonne - T19S, R18E (S51)	Owner Unknown	Field Notes A & B
10	SY-12	Terrebonne - Begin	Owner unknown	Field Notes B
10	SY-13	Terrebonne - 3 miles E. of Grand Pass Chaband	Owner Unknown	
10	SY-14	Terrebonne-S. of Boudreaux	Owner Unknown	Field Notes B
10	SY-15	Terrebonne-S. of Boudreaux	Owner Unknown	Field Notes B
10	SY-16	Terrebonne - near Bacobau Base	Owner Unknown	Field Notes B
10	SY-17	Terrebonne - near Bacobau Base	Owner Unknown	Field Notes B
10	SY-18	Terrebonne - near Bacobau Base	Owner Unknown	Field Notes B
10	SY-19	Terrebonne - near Bacobau Base	Owner Unknown	Field Notes B
10	SY-20	Terrebonne - near Bacobau Base	Pelican Welders	Field Notes A
11	No sites indicated or found.			
12	SY-1	Plaquemines - Sunrise	Owner unknown	Field Notes
13	SY-1	Plaquemines - Red Pass Bayou/Tidewater	Owner unknown	Field Notes

INTRODUCTION

The Mississippi Deltaic Plain Region contains one of the Nation's more complex pipeline networks, distributing the region's wealth of oil and gas. More than 50 companies own pipelines in the MDPR, moving mineral fluids to tank storage sites, gas processing plants, refineries, residential markets, and transport centers, where the products are distributed nationwide.

There are several factors affecting the locations of pipeline rights-of-way. The most obvious is the location of mineral source areas and prospective markets.

The availability of high ground is important for safety and for economic reasons. Use of marginal lands with high subsidence potential and low weight bearing capacities risks breakage of pipelines and injury or damage to surrounding cultural and biological communities. One source of firm, high ground is natural levees. Pipeline corridors, located on natural or manmade levees are very common in this coastal environment. For example, a pipeline corridor parallels the Bayou Teche from Iberia Parish, Map 5, to St. Mary Parish, Maps 6 and 9.

Another factor affecting the distribution of pipelines is the location of existing lines. Major pipeline companies often utililze the same right-of-way as other companies. When it is inconvenient to use existing corridors, straight-line routes are generally constructed. Of all the straight-line routes, those oriented east to west more easily disrupt the natural water drainage.

Economics, safety, and environmental protection all influence the distribution decisions made by pipeline companies. Because of cultural and geophysical features, pipelines in this area concentrate along parallel corridors and centers of intense economic activity.

INTRODUCTION

Millions of residents and tourists are attracted yearly to the wide variety of extensive land and water features found in the MDPR. These include wooded Pleistocene terraces, piney woods, freshwater lakes, rivers, beaches, estuarine bays, marshlands, bayous, canals, and the Gulf of Mexico. These environments provide great recreation potential and scenic qualities.

A very large number of archaeological sites, primarily Indian mounds and shell middens, are located near water sources, with the heaviest concentrations along the coast. Encroachment of cultural activities and land loss are destroying valuable Indian artifacts. National Register Sites preserve more recent history.

The MDPR contains a large amount of land devoted to the conservation of various physical, cultural and biological features. Gulf Islands National Seashore, Chalmette and Jean Lafitte Parks, a national wilderness area, and Desoto National Forest each afford recreational activities ranging from water sports to hiking. The numerous designated Natural and Scenic Rivers also provide educational and recreational activities in the MDPR.

Water is the largest single recreational attraction. There are numerous state parks, beaches, commemorative areas, marinas, and boat launch sites located in the MDPR. In addition, several charter boat sites serve the tourist trade. Income generated by the recreation/tourist trade plays an important role in the economic structure of the study area.

Table 8. Recreation, preservation, and conservation sites, map 1.

Number of sites/areas	Site/area type	Site/area name
5	Indian mound	
0	Probable Indian mound	
10	Shell midden	
1	Probable archaeological site	
9	Other archaeological site (historic site or attraction)	
0	National Register site	
0	National Seashore	
0	National Wilderness Area	
0	National Forest	
0	National Historic Park	
1	Natural and Scenic River (Louisiana)	Tickfaw River
0	National Wildlife Refuge and State Wildlife Management Area or Refuge	
0	Least Tern Area	
0	Sandhill Crane National Wildlife Refuge	
0	State Park, and Beach Area	
0	State Commemorative Area	
0	Charter boat site	
4	Public boat launch site	
7	Private boat launch site	
2	Commercial marina	
0	Public marina	
2	Private marina	

Table 9. Recreation, preservation, and conservation sites, map 2.

Number of sites/areas	Site/area type	Site/area name
1	Indian mound	
0	Probable Indian mound	
48	Shell midden	
3	Probable shell midden	
2	Probable archaeological site	
0	Other archaeological site (historic site or tourist attraction)	
1	National Register site	NR-1 Grace Memorial Episcopal Church
0	National Seashore	
0	National Wilderness Area	
0	National Forest	
0	National Historic Park	
3	Natural and Scenic River (Louisiana)	Tangipahoa River Tchefuncte River Chappepeela Creek
2	National Wildlife Refuge and State Wildlife Management Area or Refuge	Manchac State Wildlife Management Area St. Tammany State Wildlife Refuge
0	Least Tern Area	
0	Sandhill Crane National Wildlife Refuge	
2	State Park, and Beach Area	Fairview Riverside State Park Fontainbleau State Park
1	State Commemorative Area	Camp Moore
0	Charter boat site	
13	Public boat launch site	
9	Private boat launch site	
3	Commercial marina	
0	Public marina	
6	Private marina	

Table 10. Recreation, preservation, and conservation sites, map 3.

Number of sites/areas	Site/area type	Site/area name
0	Indian mound	
2	Probable Indian mound	
48	Shell midden	
0	Probable shell midden	
0	Probable archaeological site	
20	Other archaeological site (historic site or tourist attraction)	
12	National Register site	NR-1 Abita Springs Pavilion NR-2 Scenic Drive Historic District NR-3 Fort Massachusetts NR-4 Beauvoir NR-5 Biloxi Garden Center (Old Brick House) NR-6 Biloxi Lighthouse NR-7 Gillis House NR-8 Magnolia Hotel NR-9 Margaret Emilie NR-10 Plennsant Reed House NR-11 Toledano-Philbrick-Tullis House NR-12 U.S. Post Office, Courthouse, and Customhouse
1	National Seashore	Gulf Islands National Seashore
0	National Wilderness Area	
1	National Forest	De Soto National Forest
0	National Historic Park	
5	Natural and Scenic River (Louisiana)	Bradley Slough Wilson Slough West Pearl River

(continued)

Table 10. (concluded)

Number of sites/areas	Site/area type	Site/area name
	National and Scenic River (Lousiana) (continued)	Holmes Bayou Bogue Chitto River
4	National Wildlife Refuge and State Wildlife Management Area or Refuge	Little Biloxi State Wildlife Management Area Red Creek State Wildlife Management Area Pearl River State Wildlife Management Area St. Tammany State Wildlife Refuge
2	Least Tern Area	
0	Sandhill Crane National Wildlife Refuge	
1	State Park, and Beach Area	Buccaneer State Park
0	State Commemorative Area	
2	Charter boat site	
32	Public boat launch site	
19	Private boat launch site	
2	Commercial marina	
0	Public marina	
7	Private marina	

Table 11. Recreation, preservation, and conservation sites, map 4.

Number of sites/areas	Site/area type	Site/area name
11	Indian mound	
0	Probable Indian mound	
15	Shell midden	
0	Probable archaeological site	
47	Other archaeological site (historic site or tourist attraction)	
5	National Register site	NR-1 Milner House (Green Lawn) NR-2 Louisville and Nashville Railroad Depot NR-3 Old Spanish Fort (Old French Fort) NR-4 Pascagoula Central Fire Station No. 1 NR-5 U.S.S. Cairo
1	National Seashore	Gulf Island
0		
1	National Forest	De Soto National Forest
0	National Historic Park	
0	Natural and Scenic River (Louisiana)	
2	National Wildlife Refuge and State Wildlife Management Area or Refuge	Red Creek State Wildlife Management Area Pascagoula River State Wildlife Management Area
0	Least Tern Area	
1	Sandhill Crane National Wildlife Refuge	
1	State Park, and Beach Area	Gulf Marine State Park
0	State Commemorative Area	
3	Charter boat site	
20	Public boat launch site	
11	Private boat launch site	

(continued)

Table 11. (concluded)

Number of sites/areas	Site/area type	Site/area name
3	Commercial marina	
0	Public marina	
0	Private marina	

Table 12. Recreation, preservation, and conservation sites, map 5.

Number of sites/areas	Site/area type	Site/area name
11	Indian mound	
0	Probable Indian mound	
33	Shell midden	
13	Probable shell midden	
1	Probable archaeological site	
0	Other archaeological site (historic site or tourist attraction)	
5	National Register site	NR-1 Joseph Jefferson House (Bob Acres Plantation) NR-2 Darby Plantation NR-3 Episcopal Church of the Epiphany NR-4 Shadows-on-the-Teche NR-5 Enterprise Plantation
0	National Seashore	
0	National Wilderness Area	
0	National Forest	
0	National Historic Park	
0	Natural and Scenic River (Louisiana)	
2	National Wildlife Refuge and State Wildlife Management Area or Refuge	Shell Keys National Wildlife Refuge Russell Sage Foundation Marsh Island State Game Preserve
0	Least Tern Area	
0	Sandhill Crane National Wildlife Refuge	
2	State Park, and Beach Area	Cypremort Beach State Park Lake Fausse Pointe State Park
0	State Commemorative Area	
0	Charter boat site	
11	Public boat launch site	

(continued)

Table 12. (concluded)

Number of sites/areas	Site/area type	Site/area name
3	Private boat launch site	
0	Commercial marina	
1	Public marina	
0	Private marina	

Table 13. Recreation, preservation, and conservation sites, map 6.

Number of sites/areas	Site/area type	Site/area name
8	Indian mound	
2	Probable Indian mound	
36	Shell midden	
0	Probable shell midden	
1	Probable archaeological site	
4	Other archaeological site (historic site or tourist attraction)	
7	National Register Site	NR-1 Oaklawn Manor (Oaklawn Plantation) NR-2 Edward Douglas White House NR-3 Dansereau House NR-4 St. John's Episcopal Church and Cemetery NR-5 Laurel Valley Sugar Plantation NR-6 Oak Alley Plantation NR-7 San Francisco Plantation House
0	National Seashore	
0	National Wilderness Area	
0	National Forest	
0	National Historic Park	
1	Natural and Scenic River (Louisiana)	Blind River
1	National Wildlife Refuge and State Wildlife Management Area or Refuge	Attakapas Island State Wildlife Management Area
0	Least Tern Area	
0	Sandhill Crane National Wildlife Refuge	
1	State Park, and Beach Area	Lake Fausse Pointe State Park
1	State Commemorative Area	E.D. White
0	Charter boat site	
16	Public boat launch site	

(continued)

Table 13. (concluded)

Number of sites/areas	Site/area type	Site/area name
5	Private boat launch site	
1	Commercial marina	
0	Public marina	
0	Private marina	

Table 14. Recreation, preservation, and conservation sites, map 7.

Number of sites/areas	Site/area type	Site/area name
18	Indian mound	
1	Probable Indian mound	
113	Shell midden	
18	Probable shell midden	
9	Probable archaeological site	
9	Other archaeological site (historic site or tourist attraction)	
66	National Register site	NR-1 Bayou Jasmine NR-2 Homeplace Plantation NR-3 Destrehan Plantation NR-4 Camp Parapet Powder Magazine NR-5 Algiers Point NR-6 Bank of Louisiana NR-7 Big Oak-Little Oak Islands NR-8 The Cabildo NR-9 George Washington Cable House NR-10 Confederate Memorial Hall NR-11 James H. Dillard House NR-12 Faubourg Marigny NR-13 French Market Vegetable Market NR-14 Gallier Hall NR-15 Gallier House NR-16 The Garden District NR-17 General Laundry Building NR-18 Nicholas Girod House NR-19 Greenville Hall NR-20 Hermann-Grima House NR-21 Irish Channel Area Architectural District

(continued)

Table 14. (continued)

Number of sites/areas	Site/area type	Site/area name
66	National Register site (continued)	NR-22 Isaacs-Williams Mansion (Milton H. Latter Memorial Library) NR-23 Jackson Barracks NR-24 Jackson Square (Place D'Armes) NR-25 Julia Street Row NR-26 Lafayette Cemetery No. 1 NR-27 Lafitte's Blacksmith Shop NR-28 Lecarpentier-Beauregard-Keyes House NR-29 Leeds Iron Foundry NR-30 Lower Garden District NR-31 Madam John's Legacy NR-32 Merieult House NR-33 New Orleans Cotton Exchange Building NR-34 Old Meat Market NR-35 Old Ursuline Convent NR-36 Perseverance Hall NR-37 Pitot House (Ducayet House) NR-38 Pontalba Buildings NR-39 The Presbytere NR-40 Jean Louis Rabassa House (McDonogh No. 18 School Annex) NR-41 Rice House Nr-42 Saenger Theatre NR-43 Louis Sincer House NR-44 St. Alphonsus Church

(continued)

Table 14. (continued)

Number of Sites/Areas	Site/Area Type	Site/Area Name
66	National Register site (continued)	NR-45 St. Charles Streetcar Line (Carrollton Line; New Orleans and Carrollton Rail road Company NR-46 St. Louis Cemetery No. 1 NR-47 St. Louis Cemetery No. 2 NR-48 St. Mary's Assumption Church NR-49 St. Patrick's Church NR-50 St. Peter African Methodist Episcopal Church NR-51 St. Vincent De Paul Roman Catholic Church NR-52 Tewell House NR-53 Tulane University of Louisiana NR-54 Turpin-Kofler-Buja House (John Turpin House) NR-55 U.S. Court of Appeals-Fifth Circuit NR-56 U.S. Customhouse NR-57 U.S. Mint, New Orleans Branch NR-58 Vieux Carre Historic District NR-59 Sommerville-Kearney House NR-60 Napoleon Street Branch Library NR-61 Chalmette National Historical Park NR-62 Fort Proctor NR-63 Magnolia Mound NR-64 Fort Macomb

(continued)

Table 14. (continued)

Number of sites/areas	Site/area type	Site/area name
	National Register site (continued)	NR-65 Fort Pike NR-66 Jackson Landing
0	National Seashore	
0	National Wilderness Area	
0	National Forest	
1	National Historic Park	Chalmette Unit-Jean Lafitte National Historic Park, and Jean Lafitte National Historic Park and Preserve
11	Natural and Scenic River (Louisiana)	Bayou Des Allemands Bayou Trepagnier Bayou La Branche Bushman Bayou Lake Borgne Canal Bayou Dupre Terre Beau Bayou Pirogue Bayou West Pearl River Bayou Bienvenue Bayou Chaperon
2	National Wildlife Refuge and State Wildlife Management Area or Refuge	Biloxi State Wildlife Management Area Salvador State Wildlife Management Area
0	Least Tern Area	
0	Sandhill Crane National Wildlife Refuge	
1	State Park, and Beach Area	St. Bernard State Park
2	State Commemorative Area	Fort Macomb Fort Pike
2	Charter boat site	
23	Public boat launch site	
21	Private boat launch site	

(continued)

Table 14. (concluded)

Number of sites/areas	Site/area type	Site/area name
11	Commercial marina	
2	Public marina	
19	Private marina	

Table 15. Recreation, preservation, and conservation sites, map 8.

Number of sites/areas	Site/area type	Site/area name
4	Indian mound	
0	Probable Indian mound	
21	Shell midden	
42	Probable shell midden	
0	Probable archaeological site	
0	Other archaeological site (historic or tourist attraction)	
0	National Register site	
0	National Seashore	
1	National Wilderness Area	Breton National Wilderness Area
0	National Forest	
0	National Historic Park	
0	Natural and Scenic River (Louisiana)	
2	National Wildlife Refuge and State Wildlife Management Area or Refuge	Delta-Breton National Wildlife Refuge Biloxi State Wildlife Management Area
0	Least Tern Area	
0	Sandhill Crane National Wildlife Refuge	
0	State Park, and Beach Area	
0	State Commemorative Area	
0	Charter boat site	
0	Public boat launch site	
0	Private boat launch site	
0	Commercial marina	
0	Public marina	
0	Private marina	

Table 16. Recreation, preservation, and conservation sites, map 9.

Number of sites/areas	Site/area type	Site/area name
2	Indian mound	
1	Probable Indian mound	
86	Shell midden	
14	Probable shell midden	
0	Probable archaeological site	
1	Other archaeological site (historic or tourist attraction)	
0	National Register site	
0	National Seashore	
0	National Wilderness Area	
0	National Forest	
0	National Historic Park	
1	Natural and Scenic River (Louisiana)	Bayou Penchant
1	National Wildlife Refuge and State Wildlife Management Area or Refuge	Atchafalaya Delta State Wildlife Management Area
0	Least Tern Area	
0	Sandhill Crane National Wildlife Refuge	
0	State Park, and Beach Area	
0	Charter boat site	
11	Public boat launch site	
2	Private boat launch site	
1	Commercial marina	
0	Public marina	
0	Private marina	

Table 17. Recreation, preservation, and conservation sites, map 10.

Number of sites/areas	Site/area type	Site/area name
25	Indian mound	
0	Probable Indian mound	
68	Shell midden	
20	Probable shell midden	
2	Probable archaeological site	
2	Other archaeological site (historic or tourist attraction)	
1	National Register site	NR-1 Southdown Plantation
0	National Seashore	
0	National Wilderness Area	
0	National Forest	
0	National Historic Park	
1	Natural and Scenic River (Louisiana)	Bayou Penchant
1	National Wildlife Refuge and State Wildlife Management Area or Refuge	Pointe Au Chien State Wildlife Management Area
0	Least Tern Area	
0	Sandhill Crane National Wildlife Refuge	
0	State Park, and Beach Area	
0	State Commemorative Area	
2	Charter boat site	
15	Public boat launch site	
22	Private boat launch site	
2	Commercial marina	
0	Public marina	
1	Private marina	

Table 18. Recreation, preservation, and conservation sites, map 11.

Number of sites/areas	Site/area type	Site/area name
8	Indian mound	
1	Probable Indian mound	
75	Shell midden	
11	Probable shell midden	
2	Probable archaeological site	
1	Other archaeological site (historic site or tourist attraction)	
0	National Register site	
0	National Seashore	
0	National Wilderness Area	
0	National Forest	
0	National Historic Park	
1	Natural and Scenic River (Louisiana)	Bayou Des Allemands
3	National Wildlife Refuge and State Wildlife Management Area or Refuge	Pointe Au Chien State Wildlife Management Area Salvador State Wildlife Management Area Wisner State Wildlife Management Area
0	Least Tern Area	
0	Sandhill Crane National Wildlife Refuge	
1	State Park, and Beach Area	Grand Isle State Park West End
0	State Commemorative Area	
3	Charter boat site	
18	Public boat launch site	
9	Private boat launch site	
2	Commercial marina	
0	Public marina	
5	Private marina	

Table 19. Recreation, preservation, and conservation sites, map 12.

Number of sites/areas	Site/area type	Site/area name
13	Indian mound	
9	Probable Indian mound	
26	Shell midden	
4	Probable shell midden	
11	Probable archaeological site	
0	Other archaeological site (historic or tourist attraction)	
2	National Register site	NR-1 Fort De La Boulaye Site NR-2 Fort Livingston
0	National Seashore	
0	National Wilderness Area	
0	National Forest	
0	National Historic Park	
0	Natural and Scenic River (Louisiana)	
1	National Wildlife Refuge and State Wildlife Management Area or Refuge	Bohemia State Wildlife Management Area
0	Least Tern Area	
0	Sandhill Crane National Wildlife Refuge	
1	State Park, and Beach Area	Grand Isle State Park East End
1	State Commemorative Area	Fort Livingston
2	Charter boat site	
1	Public boat launch site	
7	Private boat launch site	
6	Commercial marina	
2	Public marina	
3	Private marina	

Table 20. Recreation, preservation, and conservation sites, map 13.

Number of sites/areas	Site/area type	Site/area name
0	Indian mound	
0	Probable Indian mound	
3	Shell midden	
5	Probable shell midden	
16	Probable archaeological site	
2	Other archaeological site (historic or tourist attraction)	
2	National Register site	NR-1 Fort St. Phillip NR-2 Fort Jackson
0	National Seashore	
1	National Wilderness Area	Breton National Wilderness Area
0	National Forest	
0	National Historic Park	
0	Natural and Scenic River (Louisiana)	
2	National Wildlife Refuge and State Wildlife Management Area or Refuge	Delta-Breton National Wildlife Refuge Pass A Loutre State Wildlife Management Area
0	Least Tern Area	
0	Sandhill Crane National Wildlife Refuge	
0	State Park, and Beach Area	
0	State Commemorative Area	
1	Charter boat site	
0	Public boat launch site	
1	Commercial marina	
1	Public marina	
1	Private marina	

INTRODUCTION

The wealth of natural resources in the Deltaic Plain Region makes it an ecologically and commercially valuable area. The pollution caused by continual human development is a potential hazard to the resiliency of this coastal ecosystem. As might be expected, pollution sources are most numerous in the areas of greatest economic activity. Pollution sources of greatest detriment are pesticides, herbicides, oil field and pipeline spills or leaks, and municipal and industrial wastes. All discharge sites empty into the region's waterways.

The State of Louisiana has been divided into eleven major hydrologic basins. These include: Atchafalaya, Barataria, Calcasieu, Pontchartrain, Mermentau, Mississippi, Ouachita, Pearl, Red, Sabine, and Terrebonne. Each basin defines a watershed or area drained by a river and its tributaries. The basin boundaries are primarily line boundaries and not true geographical boundaries. Within each basin are several stream segment boundaries. All drainage of the streams and basins eventually finds its way to the Mississippi River.

There are 232 municipal and 44 industrial discharge sites located within the study area of the MDPR. The industrial discharge sites are located primarily in the vicinity of the major ports along the Mississippi River and larger waterways. The Mississippi River (through Louisiana and Missisippi to the Mouth of Passes) and Lake Pontchartrain are considered water quality limited stream segments. These bodies of water do not meet state water quality standards because of the effects of pollutants discharged into them.

Pollution in the area is expected to increase as coastal lands are encroached upon by commercial, industrial, and residential demands. The interaction between people and their environment should be frequently and carefully evaluated to prevent excessive damage in this sensitive area.

Table 21. Point source discharges map narrative, map 1.

Source	Index no.	Facility name	MGD[a]	Receiving stream
Municipal	285	East Baton Rouge Bellingrath Estates Subdivision	0.125	Amite River
	642	Denham Springs, Town of	3.500	Gray's Creek
Industrial		None		

[a]Million gallons per day.

Sources: Louisiana municipal discharge map 1978.
Louisiana Stream Control Commission 1978-1979.
Stream segments, including industrial discharge map 1978.

Table 22. Point source discharges map narrative, map 2.

Source	Index no.	Facility name	MGD[a]	Receiving stream
Municipal	1122	S.E. of Louisiana Hospital Mandeville	0.182	Bayou Cane
	1116	Mandeville, Town of	0.240	Bayou Castine Tributary to Lake Pontchartrain
	1115	Mandeville, Town of	0.500	Chinchuba Creek Tributary to Lake Pontchartrain
	1098	Beau Rivage Subdivision	0.200	Drainage Ditch to Marsh
	1096	Beau Chateau Subdivision	0.300	Tchefuncte River
	1136	Woodridge on the Lake Subdivision	0.100	Drainage Ditch
	1113	Madisonville Sanitation District No. 1	0.200	Tchefuncte River
	1134	Tchefuncte Club Estates, Inc.	0.060	Tchefuncte River
	1097	Beau Chene Subdivision	0.400	Bayou Tete L'Ours Tributary of Tchefuncte
	1133	St. Tammany Sanitation District No. 4 Riverwood Plant	0.070	Ponchitolawa Creek
	1111	King's Forest Subdivision Tide Water Utility	0.120	Tchefuncte River
	1101	Covington, Town of	1.200	Tchefuncte River
	1102	Covington, Town of River Forest Pond	0.200	Tchefuncte River

(continued)

Table 22. (concluded)

Source	Index no.	Facility name	MGD[a]	Receiving stream
Municipal	1095	Abita Springs, Town of	0.120	Abita River
	1129	St. Joseph Abbey and School	0.080	Bogue Falaya
	1117	Moneyhill Plantation	0.145	Drainage Canal to Abita Creek to Abita River
	1159	Pontchatoula, City of	1.000	South Slough
	1147	Hammond, Town of (South Plant)	1.500	Pontchatoula Creek
	1146	Hammond, Town of	1.500	Pontchatoula Creek
	1165	Whitmar Acres Subdivision	0.052	Unnamed Ditch to Pontchatoula Creek
	1150	Industrial Park	0.050	Skull Creek
	1149	Independence, Town of	0.400	Drainage Ditch to Tangipahoa River
	1138	Amite City, Town of	0.450	Swamp to Tangipahoa River
	1153	Kentwood, Town of	0.240	Tangipahoa River
	1130	St. Tammany Sanitation District No. 1 Country Club Estates	0.190	Bayou Tete L'Ours
Industrial		None		

[a]Million gallons per day.

Sources: Louisiana Stream Control Commission 1978-1979.
Louisiana Municipal discharge map 1978.
Stream segments, including principal industrial discharge map 1978.

Table 23. Louisiana point source discharges map narrative, map 3.

Source	Index no.	Facility name	MGD[a]	Receiving stream
Municipal	1112	Kingspoint Subdivision Homecraft Corporation	0.200	Diversion Canal Lake Pontchartrain
	1119	Pink Panther Park and Campgrounds	0.500	Drainage Canal to Lake Pontchartrain
	1126	Slidell, City of Sewage Treatment Plant No. 1 (Bayou Lane)	0.550	Bayou Pattasat
	1127	Slidell, City of Plant No. 2 (Terrace Avenue)	1.600	Unnamed Drainage Canal W-14
	1128	Slidell, City of Plant No. 3 (Country Club Boulevard)	0.200	Drainage Canal W-14
	1132	St. Tammany Sanitation District No. 2 Coin du Lestin	0.060	Bayou Legendre to Bayou Bonfouca
	1103	Cross Gate Utility Co.	0.250	Gun Bayou to West Pearl River
	1114	Magnolia Forest Subdivision	0.080	Gun Bayou
	1135	Whisperwood Subdivision North Forest & Northwood Forest	0.250	French Branch (W-15 Canal)
Industrial		None		

[a]Million gallons per day.

Sources: Louisiana municipal discharge map 1978.
Louisiana Stream Control Commission 1978-1979.
Stream segments, including principal industrial discharge map 1978.

Table 24. Mississippi point source discharges map narrative, map 3.

Source	Index no.	Facility name	Design capacity (MGD)[a]	Current capacity (MGD)[a]	Type of facility
Municipal	1	Charles B. Murphy, School	0.01	0.0029	A/S[b]
Municipal	2	Oak Harbor Subdivision	0.10	0.012	A/S[b]
Industrial	3	Port Industrial Park	0.008	0.002	EA[c]
Municipal	4	Gulfview Elementary School	0.01	0.0042	A/S[b]
Municipal	5	Bayou Caddy Marina	0.002	Information Unavailable	EA[c]
Municipal	6	Hancock County Vo-Tech School	0.01	0.0013	A/S[b]
Municipal	7	Jordon Schores Subdivision	0.03	0.005	A/S[b]
Municipal	8	North Central School	0.04	0.028	EA[c]
Municipal	9	Waveland Sewage Treatment Plant	0.75	Near Capacity	A/S[b]
Municipal	10	Waveland Resort Inn	0.025	0.009	EA[c]
Industrial	11	Standard Oil Station	0.0015	0.0015	EA[c]
Municipal	12	Bay St. Louis	1.2	1.0	F.L.[d]
Municipal	13	Diamondhead No. 3	0.03	0.01	A/S[b]
Municipal	14	Diamondhead No. 8	0.015	0.05	A/S[b]
Municipal	15	Diamondhead No. 2	0.014	0.02	A/S[b]
Municipal	16	Diamondhead No.'s 1A & 1B	0.18	0.06	A/S[b]
Municipal	17	Delisle Elementary	0.008	0.06	A/S[b]

(continued)

Table 24.

Source	Index no.	Facility name	Design capacity (MGD)[a]	Current capacity (MGD)[a]	Type of facility
Municipal	18	Balmoral Subdivision	0.04	0.005	A/S[b]
Municipal	19	Discovery Bay	0.05	0.0	A/S[b]
Municipal	20	Pass Christian	0.75	0.64	A/S[b]
Municipal	21	Dixie White House Nursing Home	0.01	0.005	EA[c]
Municipal	22	Coast Episcopal High School	0.0081	0.0031	EA[c]
Industrial	23	Long Beach Industrial Park	0.25	Below	A/S[b]
Municipal	24	Pecan Park North Subdivision	0.25	0.006	A/S[b]
Municipal	25	Pecan Park Subdivision	0.04	0.043	A/S[b]
Municipal	26	Daugherty Park Subdivision	0.3	0.09	A/S[b]
Municipal	27	Klondyke Shopping Center	0.005	0.0022	EA[c]
Municipal	28	Long Beach	2.36	1.25	T.F.[e]
Municipal	29	Lake Village Estates Subdivision Utilities	0.21	0.01	A.L.[f]
Municipal	30	Villa Del Ray Subdivision	0.081	Near Capacity	F.L.[d]
Industrial	31	Phillips Milk of Magnesia	Information Unavailable		Clar.[g]
Industrial	32	Chattanooga Glass Company	Information Unavailable		Cooling Water

(continued)

Table 24.

Source	Index no.	Facility name	Design capacity (MGD)[a]	Current capacity (MGD)[a]	Type of facility
Municipal	33	Turnkey III Subdivision	0.082	0.08	F.L.[d]
Municipal	34	Sheraton Motor Inn	0.003	0.0015	A/S[b]
Industrial	35	Hickman Slaughter House	Information Unavailable		F.L. (Not in operation)[d]
Municipal	36	Riverline Hills	0.04	0.002	A.L.[f]
Municipal	37	Harrison Central High School	0.03	0.0185	F.L.[d]
Municipal	38	Orange Grove Shopping Center	0.0125	0.0014	EA[c]
Municipal	39	Orange Grove Utilities	0.944	0.70	A.L.[f]
Municipal	40	Three Rivers Mobile Home Park	0.06	0.026	A/S[b]
Municipal	41	Woodland Heights Subdivision	0.028	0.014	A/S[b]
Municipal	42	Gulfport	8.27	7.07	T.F.[e]
Industrial	43	Bayou Bernard Industrial Park	0.25	Below	A/S[b]
Municipal	44	Loren D. Heights Subdivision	0.08	0.10	A.L.[f]
Municipal	45	Brentwood Subdivision	0.0924	0.0825	A/S[b]
Municipal	46	Oakleigh Manor Subdivision	0.141	0.06	F.L.[d]
Municipal	47	Eagle Point Subdivision	0.045	0.013	A/S[b]

(continued)

Table 24. (concluded)

Source	Index no.	Facility name	Design capacity (MGD)[a]	Current capacity (MGD)[a]	Type of facility
Municipal	48	College Heights Apartments	0.04	Below	A/S[b]
Municipal	49	Beauvoir Apartments	0.05	0.0025	A/S[b]
Municipal	50	West Biloxi			
Municipal	51	Retreat Village Subdivision	0.0728	0.004	A/S[b]
Municipal	52	Woolmarket Elementary School	0.028	0.014	EA[c]
Municipal	53	Ancient Oaks Subdivision	0.08	0.03	A/S[b]
Municipal	54	Sunkist Manor Subdivision	0.4	0.15	A/S[b]
Municipal	55	Camp Hill	Information Unavailable		F.L.[d]
Municipal	56	Gulfview Apartments	0.035	0.035	A/S[b]
Municipal	57	Holly Hills Subdivison	0.065	0.054	A/S[b]
Municipal	58	Imperial Mobile Home Trailer Park	0.015	0.013	A/S[b]
Municipal	59	Cedar Lake Subdivision	0.033	0.032	A.L.[f]
Industrial	60	Davis Slaughterhouse	Information Unavailable		F.L.[d]
Municipal	61	Cedar Lake Apartments	0.0066	0.0033	EA[c]

[a]Million gallons per day.
[b]Activated sludge.
[c]Extended aeration.
[d]Flaculated lagoon.
[e]Trickling filter.
[f]Aerated lagoon.
[g]Clarifier.

Sources: Lousiana municipal discharge map 1978.
Louisiana Stream Control Commission 1978.
N-Y Associates, Inc. 1978.
Stream segments, including principal industrial discharge map 1978.

Table 25. Mississippi point source discharges map narrative, map 4.

Source	Index no.	Facility name	Design capacity (MGD)[a]	Current capacity (MGD)[a]	Type of facility
Municipal	62	Cedar Lake Mobile Home Trailer Park	0.05	0.031	A/S[b]
Municipal	63	Kennedy Marina	0.005	Information Unavailable	A/S[b]
Municipal	64	Forest Cove Subdivision	0.2	0.12	A/S[b]
Municipal	65	Keegan Bayou	Information Unavailable		
Municipal	66	Pringle Ford	0.01	0.0	EA[c]
Municipal	67	Northgate Shopping Center	0.007	0.006	EA[c]
Municipal	68	D'Iberville Elementary School	0.015	0.0141	A/S[b]
Municipal	69	D'Iberville High School	0.02	0.015	A/S[b]
Municipal	70	Greenwood LeMoyne Estates	0.25	0.11	A/S[b]
Municipal	71	St. Martin High School	0.03	0.0182	A/S[b]
Municipal	72	Riviera Utilities (Parkwood Subdivision)	0.07	0.07	A/S[b]
Municipal	73	Cedar Grove Lagoon	0.48	0.20	A.L.[d]
Municipal	74	Gulf Hills Subdivision	0.03	0.028	A/S[b]
Municipal	75	St. Martin Elementary School	0.0015	0.0087	EA[c]
Municipal	76	Sweetbriar Estates Subdivision	0.035	0.005	A/S[b]

(continued)

Table 25.

Source	Index no.	Facility name	Design capacity (MGD)[a]	Current capacity (MGD)[a]	Type of facility
Municipal	77	Ocean Springs	2.2	1.31	T.F.[e]
Municipal	78	Windsor Park Subdivision (Suburban Utilities)	0.496	0.20	A.L.[d]
Municipal	79	Toche Enterprises	0.02	0.0125	A/S[b]
Municipal	80	Gulfpark Estates	0.025	0.01	A/S[b]
Municipal	81	St. Andrews Subdivision	0.22	0.049	A/S w./Fil.[f]
Municipal	82	Bluff Creek Mobile Home Park	0.04	0.0043	A.L.[d]
Municipal	83	Dela Forest Subdivison	0.35	0.09	A/S[b]
Municipal	84	Seacliff Subdivision	0.07	0.07	A/S[b]
Municipal	85	Gautier Plaza Shopping Center	0.007	0.026	EA[c]
Municipal	86	Maison Gautier Apartments	0.04	0.036	A/S[b]
Municipal	87	Jackson Co. Junior College	Information Unavailable	Overloaded	EA[c]
Municipal	88	Northwood Hills	0.13	0.064	A/S[b]
Municipal	89	Singing River Elementary School	0.02	Information Unavailable	A/S[b]
Municipal	90	Westgates Estate Subdivision	0.25	0.12	A/S[b]
Municipal	91	Cambridge Square Subdivision	0.175	0.1516	A/S[b]
Municipal	92	Riverside Subdivision	0.2	Below	A/S[b]

(continued)

Table 25.

Source	Index no.	Facility name	Design capacity (MGD)[a]	Current capacity (MGD)[a]	Type of facility
Municipal	93	LaVille De Courmont Subdivision	0.08	0.28	A/S[b]
Municipal	94	College Park Subdivision	0.25	0.11	A/S[b]
Municipal	95	Harbor Oaks Apartment	0.06	0.0116	A/S[b]
Municipal	96	Hallmark Shopping Center	0.0084	0.0084	EA[c]
Municipal	97	Isles of Pines Trailer Court	0.03	0.03	A/S[b]
Municipal	98	Magnolia Oaks Apartments	0.03	0.03	A/S[b]
Industrial	99	Ingalls West	0.50	0.50	A/S[b]
Industrial	100	Ingalls East	0.02	Below	A/S[b]
Municipal	101	Pascagoula (eastside)	0.4	Information Unavailable	T.F.[e]
Municipal	102	Moss Point (McFarland Street)	4.5	Information Unavailable	T.F.[e]
Municipal	103	Escatawpa	0.86	0.49	A/S[b]
Municipal	104	Thiokol Chemical	0.01	Below	EA[c]
Municipal	105	Moss Point (Dontzler Street)	0.06	Information Unavailable	T.F.[e]
Municipal	106	Pascagoula Bayou Cosette	1.5	1.58	A/S[b]
Municipal	107	Corchern N. & S.	0.0055	Information Unavailable	EA[c]

(continued)

Table 25. (concluded)

Source	Index no.	Facility name	Design capacity (MGD)[a]	Current capacity (MGD)[a]	Type of facility
Municipal	108	Lips	0.015	Below	EA[c]
Municipal	109	Orange Grove Trailer Park	0.03	0.03	EA[c]
Municipal	110	Escatawpa Conventional Lagoon		Information Unavailable	

[a]Million gallons per day.
[b]Activated sludge.
[c]Extended aeration.
[d]Aerated lagoon.
[e]Trickling filter.
[f]Activated sludge with filter

Source: N-Y Associates, Inc. 1978.

Table 26. Point source discharges map narrative, map 5.

Source	Index no.	Facility name	MGD[a]	Receiving stream
Municipal	441	Jeanerette, City of	1.320	Dalahoussaye Canal
	446	New Iberia, Town of Admiral Doyle Drive	2.500	Commercial Canal to Vermilion Bay
	445	New Iberia, City of	1.100	Commercial Canal to Vermilion Bay
	444	Loreauville, Village of	0.100	Bayou Teche
Industrial		None		

[a]Million gallons per day.

Sources: Louisiana Municipal discharge map 1978.
Louisiana Stream Control Commission 1978-1979.
Stream segments, including principal industrial discharge map 1978.

Table 27. Point source discharges map narrative, map 6.

Source	Index no.	Facility name	MGD[a]	Receiving stream
Municipal	615	Waverly Oaks S/D	0.223	Drainage Canal to Lafourche/ Terrebonne Drainage Canal
	606	Plantation Trace	0.183	Drainage Canal to Lafourche/ Terrebonne Drainage Canal
	1002	Freeport Chemical Co.	Information Unavailable	
	1005	Lutcher, Town of	0.600	Four Mile Drainage Canal
	1003	Gramercy, Town of	0.500	Unnamed Canal to Blind River
	1022	St. John Sanitary District No. 1	1.500	Unnamed Swamp
	1018	East St. John High School	0.050	Unnamed Large Drainage Ditch
	1076	Franklin, Town of	1.200	Yokely Canal
	1068	Baldwin, Town of	0.250	Unnamed Stream to Charenton Canal
	30	Donaldsville, City of	1.500	Outfall Canal
	1073	Chitamacha Indian Reservation, U.S. Dept. Interior, Bureau of Indian Affairs	0.250	Unnamed Stream Charenton Canal

(continued)

Table 27. (concluded)

Source	Permit no.	Facility name	Parish/County	Basin name
Industrial	LA0045683	Marathon Oil Company	St. John the Baptist	Pontchartrain
	LA0029769	Agrico Chemical Company	Ascension	Mississippi River
	LA0029963	Gulf Oil Chemicals Company	St. James	Mississippi River
	LA0005991	Kaiser Aluminum & Chemical Company	St. James	Mississippi River
	LA0004847	Freeport Chemical Company		Mississippi River
	LA0006041	Texaco	St. James	Mississippi River

[a]Million gallons per day.

Sources: Louisiana municipal discharge map 1978.
Louisiana Stream Control Commission 1978-1979.
Stream segments, including principal industrial discharge map 1978.

Table 28. Point source discharges map narrative, map 7.

Source	Index no.	Facility name	MGD[a]	Receiving stream
Municipal	806	Belle Chasse, City of	1.500	Mississippi River
	986	St. Bernard Sanitary District No. 2 (Highlands)	2.000	Mississippi River
	977	Kaiser Aluminum & Chemical Company	0.075	Drainage Ditch to Mississippi River (to discharge locations)
	984	St. Bernard Sanitary District No. 1 (Frazendiville Plant)	1.000	Mississippi River
	712	New Orleans, East Bank	122.000	Mississippi River
	711	New Orleans Pump Station	80.000	Mississippi River
	713	New Orleans Pump Station #D	30.000	Mississippi River
	476	Gretna, City of	3.000	Mississippi River
	988	Hooker Chemical Corp.	0.050	Mississippi River
	983	St. Bernard Sanitary District No. 1 (Drava Plant)	1.500	Florida Walk Canal
	985	St. Bernard Sanitary District No. 2 (Munster Trickling Filter Plant)	2.500	40 Arpent Canal
	497	J. P. Camp Plauche No. 2	4.000	Camp Plauche Ditch
	491	J. P. Camp Plauche No. 1	3.700	Camp Plauche Ditch

(continued)

Table 28. (continued)

Source	Index no.	Facility name	MGD[a]	Receiving stream
Municipal	477	Harahan, City of	1.600	Soniat Avenue Canal
	490	J. P. Helois Sewage Treatment Plant	5.500	Bonabel Drainage Canal
	486	J. P. West Napoleon No. 01	2.500	Drainage Canal #04
	499	Kenner, City of Plant No. 2	5.000	Duncan Canal
	492	J. P. Elmwood Sewage Treatment Plant	0.400	Elmwood Canal
	483	J. P. West Napoleon No. 01A	3.600	Drainage Ditch #4
	498	Kenner, City of Plant No. 1	3.750	Duncan Canal to Lake Pontchartrain
	502	New Orleans International Ormond Treatment Plant	0.250	Drainage Canal #17
	990	St. Charles Policy Jury Ormond Treatment Plant	0.213	Unnamed Drainage Canal
	991	St. Charles Sewer District No. 1	1.250	Unnamed Canal
	1021	St. John Sanitary District No. 2 Plant - 2nd Half	0.500	Unnamed Canal
	1023	St. John Sanitary District No. 2	0.500	Unnamed Canal
	710	New Orleans Michaud Plant	3.500	Michaud Slip

(continued)

Table 28. (continued)

Source	Index no.	Facility name	MGD[a]	Receiving stream
Municipal	708	New Orleans Venetian Isles	0.450	Unnamed Access Canal to Gulf Intracoastal Waterway
	1105	Eden Isles Subdivision	0.500	Lake Pontchar-train
	1118	Moonraker Island Sanitary District	0.315	Lake Pontchar-train
	814	N. O. Naval Air Station	0.300	Outfall Canal
	480	J. P. Meadowbrook Plant	1.700	Drainage Canal
	482	J. P. Terrytown No. 2	2.120	Terry Parkway Canal
	481	J. P. Terrytown No. 1	0.550	Wright Canal
	495	J. P. Harvey	1.500	Cardere Canal
	493	J. P. Flora Haze	0.050	Douglas Canal
	479	Marrero Sewerage Plant	4.800	Outfall Canal
	478	Marrerro Oxidation Plant	0.650	Unnamed Canal
	504	Westwego, City of Westwego Wastewater Plant	3.000	Vic A. Pitre Canal
	498	Kenner, City of Plant No. 1	3.750	Duncan Canal to Lake Pontchartrain
	487	J. P. Avondale South	1.650	Main Canal
	992	St. Charles Sewer District No. 3	1.000	George Cousin Canal
	494	J. P. Floral Acres	0.150	Sauls Canal

(continued)

Table 28. (continued)

Source	Index no.	Facility name	MGD[a]	Receiving stream
Municipal	496	J. P. Live Oak Manor	0.090	Sauls Canal
	709	New Orleans West Bank Plant	10.000	Orleans Canal
	805	Belle Chasse State School	0.050	Planters Canal
	954	No data available		

Source	Permit no.	Facility name	Parish/County	Basin name
Industrial	LA0003280	Air Products and Chemicals, Inc.	Orleans	Pontchartrain
	LA0004260	Tenneco Oil Company	St. Bernard	Pontchartrain
	LA0005665	Amstar Corp. Chalmette	St. Bernard	Pontchartrain
	LA0005924	El Dupont De Nemours & Company, Inc.	St. John the Baptist	Pontchartrain
	LA0005266	Monsanto Company	St. Charles	Mississippi
	LA0007439	Louisiana Power & Light Company	St. Charles	Mississippi
	LA0005762	Shell Chemical Company	St. Charles	Mississippi
	LA0003522	Shell Oil Company	St. Charles	Mississippi
	LA0005983	Hooker Chemical Corp.	St. Charles	Mississippi
	LA0000191	Union Carbide Corp.	St. Charles	Mississippi
	LA0000876	Kaiser Aluminum & Chemical Corp.	St. Bernard	Mississippi

(continued)

Table 28. (concluded)

Source	Permit no.	Facility name	Parish/County	Basin name
Industrial	LA0000060	Avondale Shipyards, Inc.	Jefferson	Mississippi
	LA0005738	Chevron Chemical Company		Mississippi
	LA0003646	Murphy Oil Corporation	St. Bernard	Mississippi
	LA0005291	Witco Chemical Company		Mississippi
	LA0001376	Celotex Corporation	Jefferson	Mississippi
	LA0003093	Louisiana Power & Light Company	Orleans	Mississippi
	LA0003484	Hunt-Wesson Foods, Inc.	Jefferson	Mississippi
	LA0003191	Louisiana Power & Light Company	Orleans	Pontchartrain
	LA0004367	No data available.		
	LA0003638	No data available.		
	LA0007374	No data available.		

[a]Million gallons per day.

Sources: Louisiana municipal discharge map 1978.
Louisiana Stream Control Commission 1978-1979
Stream segments, including principal industrial discharge map 1978.

Table 29. Point source discharges map narrative, map 9.

Source	Index no.	Facility name	MGD[a]	Receiving stream
Municipal	1087	Patterson, City of	0.340	Patterson Dynamite Canal
	1092	St. Mary Sanitary District No. 2	0.540	Atchafalaya River
	1070	Berwick, Town of Country Club Estates	0.180	Unnamed ditch to Bayou Simmons
	1071	Berwick, Town of River Road at Third Street	0.400	Atchafalaya River
	1091	St. Mary Sanitary District No. 1	0.360	Atchafalaya River
	1082	Morgan City, City of McDermott Street	0.200	Bayou Boeuf
	1085	Morgan City, City of Bowman Street Station	2.600	Bayou Boeuf
	1084	Morgan City, City of Adams Street Station	1.900	Bayou Boeuf
	1081	Morgan City, City of Oak Street	0.890	Bayou Boeuf
	1080	Morgan City, City of Canatta Street Station	2.200	Bayou Boeuf
	1093	St. Mary Sanitary District No. 4	0.650	Lake Palourde

[a]Million gallons per day.

Sources: Louisiana municipal discharge map 1978.
Louisiana Stream Control Commission 1978-1979
Stream segments, including principal industrial discharge map 1978.

Table 30. Point source discharges map narrative, map 10.

Source	Index no.	Facility name	MGD[a]	Receiving stream
Municipal	1200	Houma, City of	3.300	Bayou Chauvin
	1219	Terrebonne Parish	1.100	St. Louis Canal
	1201	Louisiana Terrebonne Development Coteau-Myrtle Grove	0.0110	Intracoastal Waterway
	1220	Terrebonne Parish Sewer District #24	0.373	Waterproof Canal
	1218	Terrebonne Parish Sewer District #2	0.242	St. Louis Canal
	1221	Terrebonne Parish Sewer District #24	0.373	Waterproof Canal
	1198	H. L. Bourgeois High School and Eureka Sanitary District	0.065	St. Louis Canal
	589	Bayou Vista Sanitary District	0.090	Ditch to Bayou Quartes Cypress
	613	Thoroughbred Sanitary District	0.053	Ditch to Bayou Quartes Cypress
	592	Country Club Sanitary District	0.250	Ditch to Bayou Quartes Cypress
	602	Lafourche Parish Housing Authority (Marydale)	0.050	Drainage Canal to Lafourche/ Terrebonne Drainage Canal
	605	Magnolia Sanitary District	0.054	Drainage Canal to Lafourche/ Terrebonne Drainage Canal
	612	Thibodaux, City of	1.400	Philips Canal

(continued)

Table 30. (concluded)

Source	Index no.	Facility name	MGD[a]	Receiving stream
Municipal	614	Twin Oaks Service Corporation	0.120	Arpent Drainage Canal
Industrial		None		

[a]Million gallons per day.

Sources: Louisiana municipal discharge map 1978.
Louisiana Stream Control Commission 1978-1979.
Stream segments, including principal industrial discharge map 1978.

Table 31. Point source discharges map narrative, map 11.

Source	Index no.	Facility name	MGD[a]	Receiving stream
Municipal	604	Lockport, Town of	0.450	Arpent Canal
	590	CMC Service Company Galiano	0.065	Bayou Lafourche

Source	Permit no.	Facility name	Parish/County	Basin name
Industrial	LA0006131	Valentine Pulp Paper Company	Terrebonne	

[a]Million gallons per day.

Sources: Louisiana municipal discharge map 1978.
Louisiana Stream Control Commission 1978-1979.
Stream segments, including principal industrial discharge map 1978.

Table 32. Point source discharges map narrative, map 12.

Source	Index no.	Facility name	MGD[a]	Receiving stream
Municipal	818	Plaquemines Parish Port Sulphur	1.000	Mississippi River
	817	Plaquemines Parish Buras	2.500	Mississippi River

Source	Permit no.	Facility name	Parish/County	Basin name
Industrial	LA0003115	Gulf Oil Corporation	Plaquemines	Mississippi

[a]Million gallons per day.

Sources: Louisiana municipal discharge map 1978.
Louisiana Stream Control Commission 1978-1979.
Stream segments, including principal industrial discharge map 1978.

Table 33. Point source discharges map narrative, map 13.

Source	Index no.	Facility name	MGD[a]	Receiving stream
Municipal	816	Plaquemines Parish Boothville - Venice	1.350	Mississippi River

Source	Permit no.	Facility name	Parish/County	Basin name
Industrial	LA0003367	No data available.		

[a]Million gallons per day.

Sources: Louisiana municipal discharge 1978.
Louisiana Stream Control Commission 1978-1979.
Stream segments, including principal industrial discharge map 1978.

INTRODUCTION

The economic growth of the Mississippi Deltaic Plain Region has been a prevalent factor in the development of transportation in the area. Early technology was not adequate for the development of road systems in the wetlands. An intricate web of interconnecting channels and canals were exploited in the marsh-swamp complex of southern Louisiana. Numerous inland waterways provided the least costly means of transporting products, even when roads were available. The current transportation system of the MDPR remains largely water-oriented.

The MDPR is presently served by 16 major transportation canals, rivers, or bayous as well as 12 smaller routes. The two major water corridors are the Mississippi River and the Gulf Intracoastal Waterway. These serve as collection routes for goods funneled through feeder waterways. They play a significant role in commerce, especially in the movement of petroleum and agricultural products, within Louisiana. Increases in total waterborne commerce of the area may be a result of the increased domestic and foreign market demands as well as technical advances in the shipping industry.

Port development throughout the MDPR has occurred as a result of increased commerce and industry along the major waterways. Four major ports are New Orleans, Pascagoula, Gulfport, and Morgan City. Contributing to the growth of these ports has been the availability of adjacent land sufficient for industrial and overland transportation development.

Railroads have increased to serve land-based economic activities and to provide support for the variety of water-based commerce attracted to and shipped from the region. Ten rail companies currently provide rail lines serving southeast Louisiana and the Mississippi Coast. These connect the MDPR with all United States markets. Most railroad activity is in the areas centered near or within the ports of New Orleans and Pascagoula. The rail/waterway interface points along the Mississippi River between Baton Rouge and the Mouth of Passes are important in the shipment of grain and farm products to foreign markets and in allowing the shipment of chemicals and petroleum products to reach inland markets from port area refineries.

Only in the last 50 years have roads served as vital transportation links in the MDPR. The road system continues to be outranked by the waterways in total freight shipment, yet the wetland's highway network offers the most expansive form of commerce to all MDPR communities. The network of roadways has been a determining factor in the location of industries in the coastal lowlands area. The speed of motor freight is of great importance to commerce. Several railroads in the region operate supplemental truck routes, providing freight service to locations not served by rail.

Air transportation in the study area has expanded as a result of the impact of oil and gas support needs. The popularity of New Orleans and the coastal wetlands for recreational activities has also increased the need for air transportation. Four airports provide most of the scheduled air carrier operations. In addition, there are 23 general aviation airports, 68 heliports or hospital heliports, and 13 seaplane

bases to serve the study area. The air transportation mode relates more to the economic structure of the region's tourist trade rather than to the delivery of goods and services.

MAP 1 - TRANSPORTATION OVERLAY

The principal waterways shown on Map 1 are the Amite River, Tickfaw River, and the northwest portion of Lake Maurepas. These and numerous small tributaries provide a waterway system for movement of cargo through the southeast fringes of the area.

Surface transportation within this region is characterized by Interstate-12 running east and west, several State routes running primarily on a north and south orientation and a number of meandering roads traversing natural ridges. The grestest concentration of ground transportation is north of Denham Springs. The Illinois Central-Gulf Railroad, which roughly parallels Highway 190 a few miles north of Interstate-12, is the only railroad to service the area.

No major air fields, heliports, or seaplane bases are located in this area. The closest airports identified are in the New Orleans area, Map 7. Other airports servicing this region are to the north and west, outside the study area.

MAP 2 - TRANSPORTATION OVERLAY

Shown on Map 2 are several small river routes for waterborne commerce, including the following: Tchefuncte-Bogue Falaya, Tangipahoa-Bedico, Tickfaw-Natalbany, and the Pass Manchac and North Pass Route. Major navigable bodies of water include the northern portion of Lake Pontchartrain and the north central and eastern portions of Lake Maurepas. Surface transportation in this area is characterized by numerous State highways following natural levees and waterways. Two interstate highways traverse the area of Map 2. Interstate-12 runs predominantly east and west. Interstate-55 provides a major north-south route crossing the marshy areas of southeastern Louisiana, and passes between Lake Maurepas and Lake Pontchartrain. Additional surface transportation is provided by two rail lines. On the west side of Map 2, the Illinois Central-Gulf Railroad follows a north-south route that parallels Highway 51 and Interstate-55. On the east side of Map 2, another line of the Illinois Central-Gulf Railroad begins in the town of Covington and travels south-southeasterly toward Slidell.

No airports, seaplane bases, or heliports are shown on Map 2. Serving the area is an airport and seaplane base immediately adjacent on Map 3.

MAP 3 - TRANSPORTATION OVERLAY

Waterborne commerce is carried on several rivers and bayous within the area of Map 3. Among the most noteworthy are the Pearl River, Jourdon River, Bayou Liberty, Biloxi River, Bayou Bonfouca, and Bayou Lacombe. In addition to these waterways, the region is served by three secondary ports: Biloxi Harbor, Pass Christian Harbor, and Bay St. Louis. The major seaport of this area is Gulfport. Surface transportation is provided by several highways throughout the region shown on Map 3. Among the major roadways are I-59, I-10 and I-12. Highway I-59 is a major traffic corridor from New Orleans, north into the State of Mississippi. Interstates-10 and-12 carry most of the traffic east and west. Also, several

Federal highways, U.S. 90, 57, 63, 49, 33, 603, and 607, establish a substantial portion of the surface transportation network in this area. These highways generally parallel the coast. A number of railroads provide additional surface transportation within Map 3: the Illinois Central-Gulf, the Louisville & Nashville Railroad (generally following the coast through Pass Christian), and the Alabama-Great Southern Railroad.

Air transportation is provided from five paved airports. Two are located near Highway 36 and I-12 in Louisiana - one near Abita Springs and one near Slidell. Two others are in Mississippi near Bay St. Louis and at Diamondhead. The largest airport on this map, and the only air carrier airport (open to commercial air traffic as opposed to general air traffic) in Mississippi within the MDPR, is located at Gulfport. A seaplane base operates at Bayou Lacombe off Lake Pontchartrain, as shown in the southwestern portion of Map 3. Two hospital heliports and one multiple heliport facility are located in Bay St. Louis, Gulfport, and Biloxi respectively.

MAP 4 - TRANSPORTATION OVERLAY

Pascagoula is the predominant port facility on Map 4. The Pascagoula facility, in addition to Gulfport Harbor on Map 3, are the State of Mississippi's principal ports. Ocean Springs, located on the west side of Map 4, serves as a secondary port. These allow the State's commerce to move agricultural commodities to various markets and serve as major import points for foreign crude oil. Commerce-carrying waterways include the Escatawapa River, Point aux Chenes Bay, and the Pascagoula River.

East-west surface transportation is conducted primarily on I-10 and State Route 90. These roadways generally parallel the coastline. Several north-south highways connect Mississippi and the coastal cities of Pascagoula and Ocean Springs. The Louisville & Nashville Railroad runs east-west along the Gulf coastline, passing through the ports of Ocean Springs and Pascagoula. The Mississippi Export Railroad Company serves as the major north-south rail system, carrying cargo to and from Pascagoula.

Four air fields are located on Map 4; three are public facilities and the fourth is the military field, Keesler Air Force Base. A multiple facility heliport, primarily providing service to the petroleum industry, is located within the City of Pascagoula.

MAP 5 - TRANSPORTATION OVERLAY

Marsh Island and its surrounding waters, the Gulf of Mexico, East Cote Blanche Bay, West Cote Blanche Bay, and Vermilion Bay cover the southern half of Map 5. West Cote Blanche Bay provides the natural waterway from the Gulf of Mexico to Cypremort Point. Inland, the Intracoastal Waterway and Bayou Teche carry most of the waterborne commerce. Delcambre Canal and Bayou Carlin on the west portion of Map 5 provide a north-south navigation channel to Weeks Bay. The city of New Iberia, on Bayou Teche, is considered a major port. The city of Jeanerette, to the southeast, is a secondary port.

Surface transportation serving this region generally follows the Bayou Teche natural levees. Highway 83 and 319 provide the major north-south routes between New Iberia and Cypremort Point. The Southern Pacific and the Missouri Pacific Railroads maintain numerous rail lines in the New Iberia region. Most lines follow the Bayou Teche navigation channel. The Southern Pacific Railroad provides the only service near the coast from Weeks, east to Baldwin on Map 6.

The Acadiana Regional Airport, located northwest of New Iberia, serves the western portion of the MDPR as a major carrier airport, with both air and heliport facilities. A seaplane base is located on Bayou Teche at New Iberia. A small airfield serves the Jeanerette area.

MAP 6 - TRANSPORTATION OVERLAY

The region represented on Map 6 is traversed by several navigable waterways. These waterways range from the heavily traveled Mississippi River in the northeast portion of the map, to the smaller man-made canals of the Atchafalaya Basin Floodway. Frequently used waterways include Bayou Lafourche, Atchafalaya, Bayou Teche, Franklin Canal, Helpin Canal, and Bayou Chevreuil. The Mississippi River serves as a major deep sea port from Baton Rouge to New Orleans. Navigable bodies of water in the area include Lac des Allemands and the southwest portion of Lake Maurepas.

Surface transportation closely follows the locations of waterways on Map 6. Two routes, 44 and 18, parallel the Mississippi River. The east bank road, Route 44, is the historic Great River Road. Two State Highways, 1 and 308, parallel Bayou Lafourche. These roads follow the bayou natural levee ridge and serve as traffic corridors between the Mississippi River and the coast. Louisiana State Highway 20 follows an old crevasse ridge through the swamp between Thibodaux and Vacherie on the Mississippi River. The Airline Highway, Route 61, which follows the Mississippi River, was Louisiana's first super-road. Today, Interstate 10 supercedes the Airline Highway by traversing the southwestern portion of Lake Pontchartrain's swamp-marsh complex, providing traffic access from Baton Rouge to New Orleans and beyond.

Railroads also follow the major water courses shown on Map 6. The Louisiana & Arkansas and the Texas & Pacific rail lines service the commercial centers along the Mississippi River. The extensive Southern Pacific Rail Company operates a line south and west of the Atchafalaya Basin Floodway.

An airport near Baldwin and two small heliports provide the major air transportation access for this region. The numerous air facilities, located immediately to the south on Map 9, also service the area outlined on Map 6.

MAP 7 - TRANSPORTATION OVERLAY

The deltaic region shown on Map 7 is composed of a myriad of complex and interconnecting canals, rivers, water bodies, and smaller tributaries. The Mississippi River winds through the area. The river is joined by the Intracoastal Waterway near New Orleans. Also joining the Mississippi River is the Mississippi

River Gulf Outlet. The Outlet was constructed to reduce congestion on the Mississippi River south of the Port of New Orleans and to shorten transport time to the Gulf of Mexico. Navigable bodies of water shown on Map 7 include Lakes Pontchartrain, Borgne, St. Catherine, Lery, Salvadore, and Cataouatche. This extensive number of navigable waterways makes the region a major shipping hub.

Surface transportation shown on Map 7 is characterized by a large number of interstate and state highways that follow the various waterways. With New Orleans as the center, several interstate highways crisscross the map. Interstate 55, west of Lake Pontchartrain, and Interstate 10 and Interstate 610, on the south side of Lake Pontchartrain, provide northbound traffic access. Within the New Orleans area, Interstate 10, and Interstate 610 provide the major highway connections.

Surface transportation is also provided by the rail network. There are a large number of rails and switching yards within the New Orleans area. Rail concentrations are greatest in the proximity of ports for the exchange of waterborne and railborne commerce. All railroads identified on previous maps of this study are also found on Map 7. The railroads (Illinois Central-Gulf, Louisville & Nashville, Alabama-Great Southern, Southern Pacific Transportation Company, Missouri Pacific, New Orleans Public Belt, and Louisiana-Southern Railway) provide access to all sections of the United States.

The numerous air transportation facilities shown on Map 7 are an outgrowth of the intensity of commercial exchange within the region. Sixteen heliports (three of which are hospital heliports), six airports, and four seaplane bases serve the Port of New Orleans area. The New Orleans International Airport is the largest aviation facility within the MDPR. Several major air carriers, regional air carriers, short-haul commuter air carriers, and general aviation aircraft, utilize the New Orleans International Airport. Cargo transported out of the New Orleans Airport is considerably less than the massive tonnages shipped by water and by rail. The significant contribution of the New Orleans Airport is the ability to transport people and lightweight, perishable-type commodities with great speed and efficiency.

The heliports and seaplane bases shown on Map 7 are predominantly oriented toward serving the oil and gas industries. A majority of the heliports are bases of operation for companies providing logistic support to the oil rigs in the Gulf of Mexico. Although air transportation is quite costly, its effectiveness becomes apparent in the amount of time saved.

MAP 8 - TRANSPORTATION OVERLAY

Only water transportation is indicated on the area outlined by Map 8. The predominant transportation route is the fairway which provides a clear "water highway" for major shipping vessels in the Gulf. The fairway shown defines a safe access route for ocean vessels navigating between the Gulf of Mexico and the ports of Pascagoula, Ocean Springs, and Gulfport.

The Intracoastal Waterway passes through the Mississippi Sound in the northwestern portion of the map. Bayou LaLoutre, in the southwestern corner of

the map, connects Eloi Bay and Lake Eloi to the Mississippi River Gulf Outlet and to the inland area of southwestern Louisiana. Navigable bodies of water include the Mississippi Sound, Lake Eloi, Lake Eugene, Lawson Bay, and Drum Bay.

MAP 9 - TRANSPORTATION OVERLAY

The majority of transportation systems shown on Map 9 serve the area of Morgan City. This city is a major deep sea port serving the offshore oil industry. Morgan City is a collection point for cargo moving through Bayou Teche, the Atchafalaya Basin Floodway system, and along the Gulf Intracoastal Waterway (Morgan City to Port Allen segment). A secondary port serving this area is located at Amelia. The Atchafalaya River and a fairway in the Atchafalaya Bay provide a navigable waterway, clear of hazards for ocean-going vessels, from Morgan City to the Gulf of Mexico. At the mouth of the Atchafalaya Basin Floodway, numerous bayous and canals serve the coast. Three inland navigable bodies of water are evident on this map - Lake Palourde, Sweet Bay Lake, and Four League Bay. The Gulf of Mexico, Atchafalaya Bay and East Cote Blanche Bay are also navigable.

State Highways 90, 317, 183, 182, 662, and 70, provide surface transportation across the northern portion of the area shown as Map 9. Highway 317 provides the only north-south route to the coast. The only railroad traversing the region is a line provided by the Southern-Pacific Transportation Company. This rail line parallels State Route 90 and Bayou Teche the area shown on the map.

The heavy concentration of heliports (13) in the Morgan City-Amelia area calls attention to the fact that this region is one of the more important oil logistic support sites within the MDPR, rivaling only the New Orleans area. Although all of the heliport facilities on this map are important, one is worthy of special mention. The facility at Amelia on Lake Palourde has the capability of accommodating 40 helicopters on the ground at any one time. This heliport is one of the largest private heliport facilities in the world. Two sea plane bases and a paved air field along the Bayou Teche also serve the region.

MAP 10 - TRANSPORTATION OVERLAY

Several bayous extend seaward through the City of Houma within the region shown on Map 10. These waterways include Bayous Terrebonne, Black, du Large, Grand Caillou, and Petit Caillou. The Intracoastal Waterway provides an east-west route through Houma. The Houma Navigation Canal provides a direct water corridor between Houma and the Gulf of Mexico. Lakes Boudreaux, De Cade, Lost, Penchant, and Merchant, as well as a myriad of bays, also are navigable bodies of water along the Gulf Coast.

The State Highways shown on Map 10 consistently parallel the waterways. State Highway 90, along Bayou Black, is the major highway traversing this region of the MDPR. Other state routes include numbers 316, 24, 311, 20, 308, 1, 55, 56, 57, 315, and 24. These routes characteristically follow natural levees in the delta region. Additional surface transportation is provided by the Southern-Pacific Transportation Company, which parallels Route 311 into Houma.

Three sea plane bases and a major airport are located in the vicinity of Houma. A helipad and a small paved air field at Schriever and a helipad near Dulac each provide local oil industry support. There is a small hospital heliport near Raceland.

MAP 11 - TRANSPORTATION OVERLAY

Bayou Lafourche, sometimes called the "Longest Main Street in the World", is the most conspicuous inland waterway shown on Map 11. The bayou, seaward from Raceland, serves as a port. Essentially, the waterway is a shallow draft harbor for fishing and oil logistic support vessels. Important seaward waterways in the area of Map 11 are Bayou Pointe au Chien, Bayou Jean Lacroix, Grand Bayou Canal, Barataria Bay Waterway, Bayou Dupont, Bayou St. Denis, and Old Grand Bayou. The Intracoastal Waterway runs basically east-west as its route follows the Gulf Coast. On Map 11, the Intracoastal Waterway passes through the City of Larose. The navigable water bodies include Lake Salvadore, Bayou Perot, Bayou Rigolettes, Little Lake, and Turtle Bay. West of Bayou Lafourche, waterborne carriers move easily through Timbalier Bay and Lakes Barre, Felicity, and Raccourci.

Two major highways paralleling Bayou Lafourche are, State Roads 1 and 308. These roads follow natural levees. South of Golden Meadow, Highway 1 follows a sea level course through the marsh to Grand Isle. Two small portions of railroad lines traverse the region shown on Map 11. The rail line in the northwest corner of the map is the Southern-Pacific Transportation Company. This line terminates at Lockport. A segment of the Missouri-Pacific Rail Line is shown in the extreme northeast corner of the map.

Air transportation facilities shown on Map 11 consist of seven heliports. All except one, a hospital heliport near La Rose, are located near the Gulf of Mexico. The five heliports along Bayou Lafourche and the helipad near Bay Tambour all provide oil logistic support services.

MAP 12 - TRANSPORTATION OVERLAY

The water transportation routes shown on Map 12, as on all MDPR maps, are prevalent factors in the location of other modes of transportation. The Mississippi River is the major navigation channel of the area. Additional waterways include Bayou Terre aux Boeufs, Bayou Grand Cheniere, Grand Bayou, and the Freeport Sulphur Canal. Near the southern portion of the Mississippi River, in an area not shown on this map, the Corps of Engineers maintains a shallow draft channel between Empire and the Gulf of Mexico. Numerous navigable water bodies are found in this area of the Mississippi River as it nears the Gulf of Mexico. A large percentage of New Orleans-bound barges use the Barataria Bay route to save time. North of the Mississippi River, vessels move easily through Lake Machais, Black Bay, Bay Crabe, and Grand Point Bay. Navigable water bodies located between the river and the Gulf of Mexico include Lake Grande Ecaille and Bays Sansbois, Batiste, Ronquille, Bastian, and Adams.

Fairways at Grand Isle, Bastian Island, and Pelican Island provide clear access, free of hazards, to the Gulf of Mexico for ocean-going vessels. Along the

Mississippi River, State Routes 23 and 39 provide surface transportation. While State Route 23 runs the length of the river through Map 12, Route 39 terminates just south of Point a la Hache. In addition to these surface routes, the Missouri-Pacific Railroad provides rail service along the Mississippi River. Service terminates at Buras near the Mississippi River Delta.

There are three major air transportation centers shown on Map 12. Grand Isle on the Gulf Coast provides four helicopter facilities and one sea plane base. All provide offshore support. There are three hospital heliport facilities located in the vicinity of Empire. An additional sea plane base and a conventional airport facility provide service in the Port Sulphur area.

MAP 13 - TRANSPORTATION OVERLAY

The United States Army Corps of Engineers maintains the navigable passes in the area of Map 13 due to the continual deposition of sediments in the Mississippi River Delta. Important waterways include the Mississippi River, Pass a Loutre, Southwest Pass, South Pass, Southeast Pass, and Main Pass. Numerous additional channels provide water access to these main passes from the coast. Fairway routes to the Gulf are available at South Pass and Southwest Pass. In addition, the Gulf Outlet Canal, which passes near Gardner and Breton Islands, provides a fairway for ocean-going vessels from the New Orleans area to the Gulf of Mexico.

Air transportation in the Mississippi River Delta is represented by nine heliport facilities and two sea plane bases. Most of these air facilities are located in the proximity of Tidewater. The sea plane base located near South Pass serves the southeast delta. All air facilities serve as oil logistic support for onshore and offshore platforms.

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16. Abstract (Limit: 200 words) Mapping of socioeconomic information in the Mississippi Deltaic Plain Region was accomplished by using existing sources and conducting an extensive ground-truthing effort. During the course of completing the maps for this study, it became apparent that many reputable sources disagree about the existence and location of many mappable elements. This disagreement occurred on virtually all variables from the small boat launch sites on the Conservation/Preservation/Recreation overlays, to the large oil fields on the Oil and Gas overlays. The study team was required to make the best possible determination regarding the most reliable source and the basis for making these decisions is presented in the map notes on each overlay. Working definitions were developed from various sources to provide the framework for map construction and interpretation.

The map narratives volume is a companion document to the Map Atlas. Details regarding specific mapped elements are presented here for each set of overlays. In some cases, the details are presented in a textual manner, e.g., the transportation narrative, and in others the details are presented primarily in tabular form, e.g., the oil and gas narratives. Other topics are pipelines, conservation-preservation-recreation, and pollution sources. References used to construct the maps are located at the end of this volume. Users may obtain access to the original sources in many cases by utilizing the detailed Data Appendix constructed as part of this study. The maps were not published but are available for reference.

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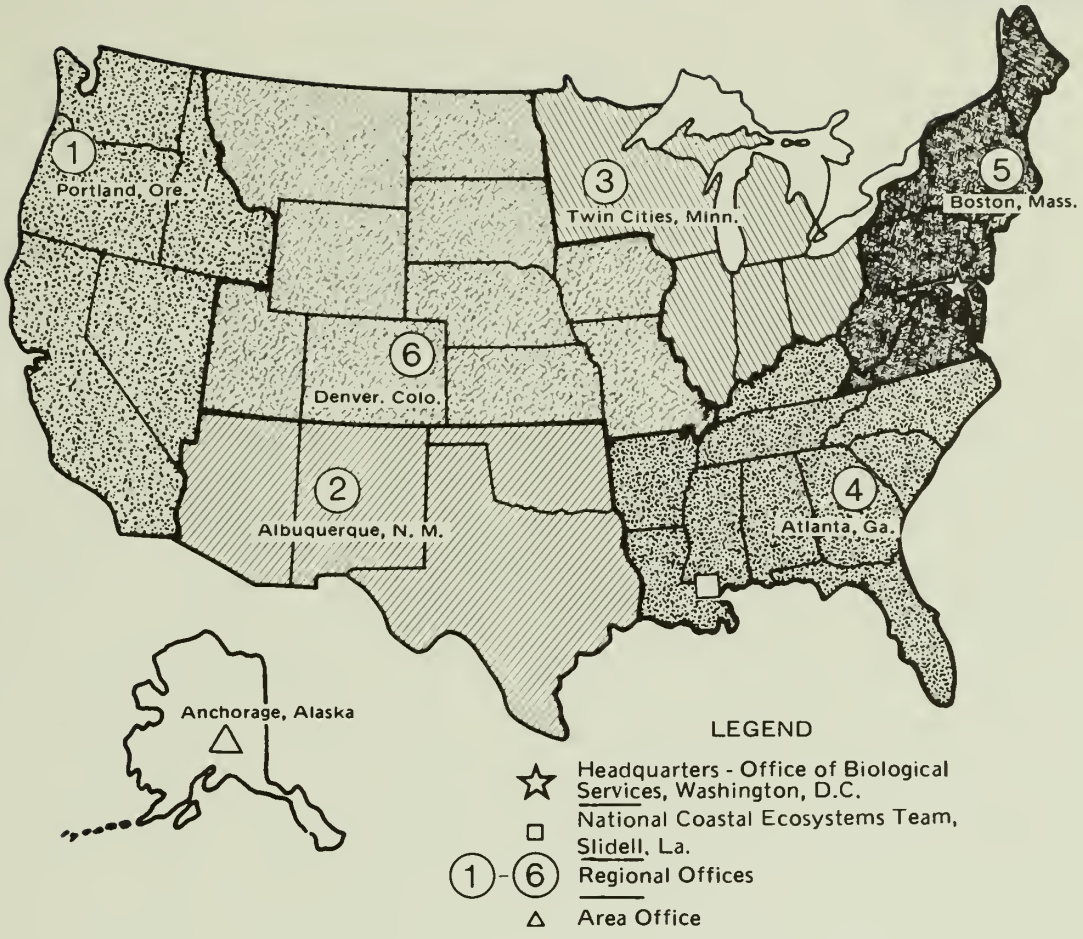

U.S. FISH AND WILDLIFE SERVICE
REGIONAL OFFICES

REGION 1
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U.S. Fish and Wildlife Service
Lloyd Five Hundred Building, Suite 1692
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Regional Director
U.S. Fish and Wildlife Service
P.O. Box 1306
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REGION 3
Regional Director
U.S. Fish and Wildlife Service
Federal Building, Fort Snelling
Twin Cities, Minnesota 55111

REGION 4
Regional Director
U.S. Fish and Wildlife Service
Richard B. Russell Building
75 Spring Street, S.W.
Atlanta, Georgia 30303

REGION 5
Regional Director
U.S. Fish and Wildlife Service
One Gateway Center
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Regional Director
U.S. Fish and Wildlife Service
P.O. Box 25486
Denver Federal Center
Denver, Colorado 80225

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Regional Director
U.S. Fish and Wildlife Service
1011 E. Tudor Road
Anchorage, Alaska 99503

DEPARTMENT OF THE INTERIOR

U.S. FISH AND WILDLIFE SERVICE

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interests of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.